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NASA CR-61383

ORIFICE IN-FLOW EFFICIENCY TESTS

Volume I: Test Results
Volume II: Application to Shuttle Venting during Entry

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16. ABSTRACT

An investigation was made to develop the capability for computing internal pressures throughout flight for compartments located within space shuttle vehicles. The requirement for venting launch vehicle compartments began with the Saturn/Apollo phase of the space program. Studies generated then set a precedent for compartment venting techniques for ascending vehicles. This approach was found to apply to shuttle vehicles during ascent trajectories. The shuttle vehicles, however, have the further requirement for repressurizing the compartments during descent.

A test program was conducted at the NASA-Ames Research Center 6 x 6-Foot Supersonic Wind Tunnel to determine orifice efficiencies for the flow of air into a compartment from a flowing external stream. Measurements were made over a Mach number range of 0.7 to 1.9 for varying orifice geometry, vent orientation, vent plate thickness, flat plate boundary layer thickness and pressure ratio across the vent plate.

A computer program originally developed for outflow venting was modified for use in computing compartment pressures for inflow conditions. Results from both the outflow and inflow computer programs are included in the document. The Appendices contain the user's manual and program listing of the inflow venting program. The computer program results indicate that no special provision for inflow venting is required. The vent ports which will be required for outflow venting during ascent will be sufficient for any inflow venting requirements.

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FOREWORD

This report was prepared by Lockheed-Huntsville Research and Engineering Center for the NASA-George C. Marshall Space Flight Center under Modification 1 of Contract NAS8-26464, "Compartment Venting Analysis and Orifice Flow Tests." Presented are the results of an inflow orifice coefficient test program conducted in the NASA-Ames Research Center six-by-six foot supersonic wind tunnel and the results of work performed to develop the capability of computing internal pressures throughout flight for compartments located within space shuttle vehicles.

The authors acknowledge the contributions made by Mr. A. V. Harris, S&E-AERO-AAV, and Mr. J. B. Baker, Lockheed-Huntsville, who assisted during the entire test phase of the contract; Mr. P. E. Ramsey, S&E-AERO-AAE, for the Orifice flow test; and Mr. D. L. Bacchus, S&E-AERO-AAV, the Contracting Officer's Representative for this contract.

Also acknowledged are the efforts of Mr. F. D. Merriwether, Project Engineer, and Mr. C. Prunty, Supervisor, both of ARO, Inc.

ORIFICE IN-FLOW EFFICIENCY TESTS

VOLUME I: TEST RESULTS

VOLUME I: TABLE OF CONTENTS

CONTENTS (Continued)

NOMENCLATURE

Symbol	Definition	Units
A	vent orifice area	in.^{2}
CONF	configuration number, identifies vent orifice	---
CORR	correlate number, identifies one M_∞, one plate POS, one CONF, and either one ratio P_p/P_∞ or one probe height h	---
h	traversing probe height from flat plate	in.
K	orifice efficiency (discharge coefficient)	---
M	Mach number	---
P	pressure	psfa
POS	flat plate distance from tunnel wall	in.
q	dynamic pressure	psfa
R	gas constant, 1716 lb-sec/slug-$^\circ$R	---
Re	Reynolds number per unit length	ft^{-1}
RUN	run number, identifies one M_∞, one plate POS, and one CONF	---
SCFM	standard volumetric flow rate	ft^3/min
T	vent orifice thickness	in.
T	temperature	$^\circ$R
V	velocity	ft/sec
Greek		
γ	specific heat ratio, 1.4	---
μ	viscosity	lb-sec/ft^2
ρ	density	slug/ft^3

NOMENCLATURE (Continued)

Symbol	Definition
Subscripts	
act	actual (measured)
DIT	quantity based on P_{t_∞}
i	index referring to pressures P_1 to P_{102}
j	index referring to orifice jet
STD	standard conditions
t, T	total conditions
th	theoretical
tr	traversing probe or vicinity
XL	orifice extension lip
∞	refers to (or is based on) tunnel freestream
1	conditions upstream of a shock wave
2	conditions downstream of a shock wave
9	refers to (or is based on) pressure P_9

Section 1
INTRODUCTION

During descent of space shuttle vehicles from high altitudes the build-up of ambient atmospheric pressures will result in crushing loads exerted across the vehicle skin. To relieve these loads and thereby circumvent structural failure the vehicle compartment must be repressurized during descent such that the internal compartment pressures effectively counteract the external loads. It is anticipated that this equalization of pressures may be accomplished by allowing external air to flow into the compartments through strategically located vents. Such vents have been used effectively in the Saturn/Apollo program to relieve potential bursting loads built up during ascent, where equalization of pressures was effected by allowing the trapped internal compartment gases to flow overboard to the reduced ambient pressure environment. The space shuttle vehicle, however, will require both compartmental depressurization during ascent and repressurization during descent. It is currently anticipated that a vent-orifice system may be utilized during both phases of flight (Ref. 1).

The prediction of venting performance of orifices under various external flow conditions requires a knowledge of orifice efficiencies for the conditions under consideration. Adequate outflow orifice efficiency data have been generated for flow conditions corresponding to the anticipated space shuttle ascent trajectory. These data were generated for application to the Saturn vehicle during a test program at NASA-Ames Research Center (Ref. 2). Existing inflow orifice efficiency data were limited, however, to a narrow range of external flow conditions. The test program described here was conducted to provide sufficient inflow data to enable venting analyses to be made for the space shuttle during the descent phase of flight. The pretest report associated with this test is presented in Ref. 3.

Section 2
TEST DESCRIPTION

2.1 DESCRIPTION OF TEST FACILITY

The test program was conducted at the NASA-Ames six-by-six-foot Supersonic Wind Tunnel, which operates on the closed circuit single-return principle. The throat area and location are controlled by an asymmetric, sliding-block nozzle. The test section of the tunnel is 14.4 ft long and 6 ft square in cross section. Tests can be performed at transonic conditions because of the perforated floor and ceiling of the test section.

The test facility data acquisition system allowed raw data to be monitored during the test. The facility has eight vacuum pumps, two of which were used as the vacuum source to pull air through the vent plate orifices. The model could be viewed through two 46-in. diameter clear glass windows located on one side of the test section. The downstream window on the other side was removed and replaced by the flat plate model.

2.2 MODEL INSTALLATION AND DESCRIPTION

The model used for this test consisted basically of a flat plate, Fig. 1, which was traversed into the thick, turbulent boundary layer buildup on the tunnel wall. Maximum boundary layer thickness was obtained when the flat plate was flush with the tunnel wall. Minimum boundary layer thickness was obtained when the flat plate was traversed to a maximum position into the free-stream. Whenever the flat plate was in a position other than flush with the wall a sharp leading edge and side extensions attached to the plate minimized shocks and other undesirable flow effects created by the flow over the flat plate.

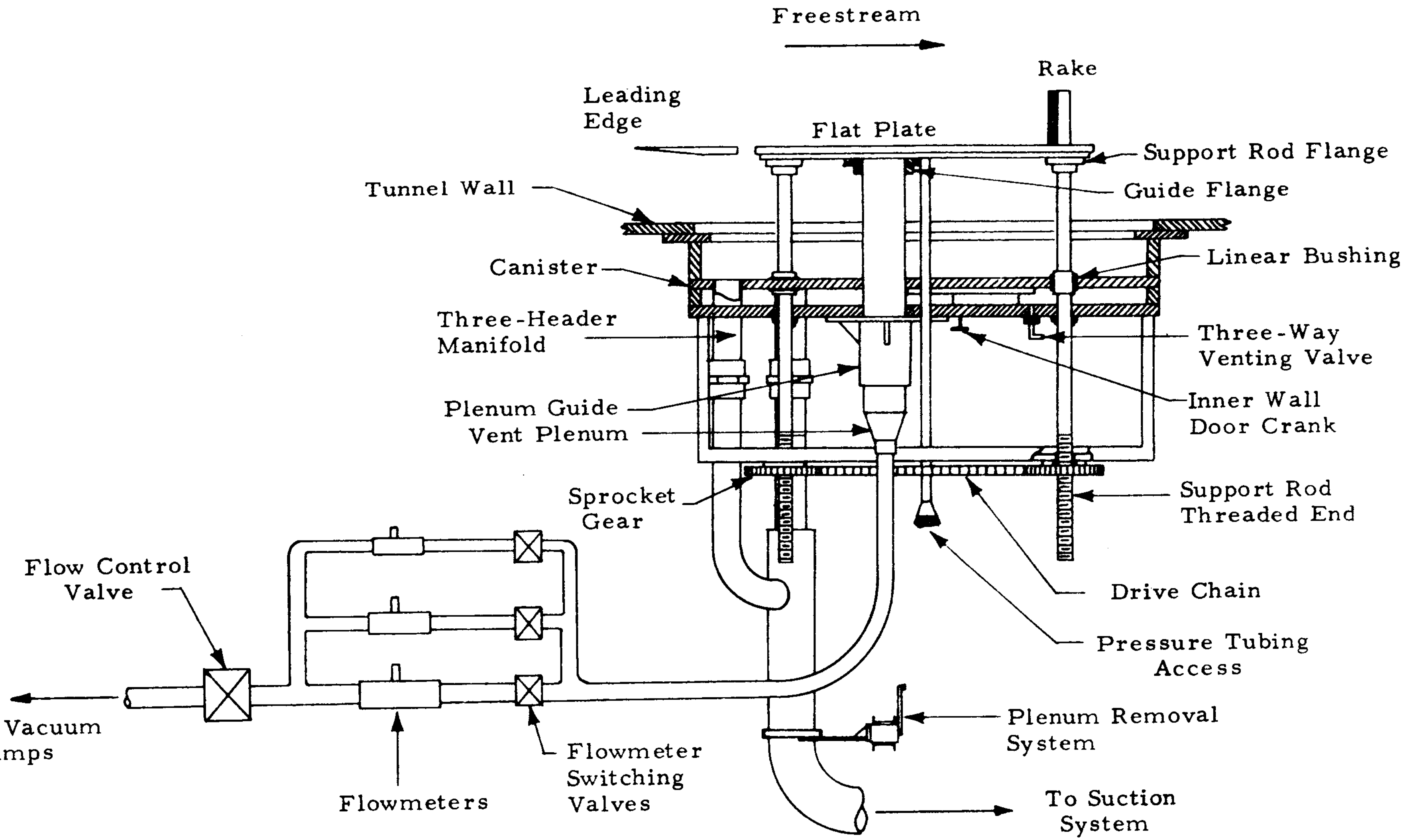


Fig. 1 — Schematic of Model Setup

The flat plate was instrumented with static pressure ports in lines parallel with the freestream and a total head rake positioned in line with the orifice. Figure 2 illustrates the static pressure port measurements obtained from the flat plate.

The rake probe measurements are shown numbered on Fig. 3. The rake was located 18.9 in. from the center of the vent orifice. A traversing probe was used to determine the boundary layer thickness at the location of the vent orifice.

Five vent plates having various orifice geometries were used to compose the nine configurations shown in Fig. 4. The configurations were:a 0.75-in. diameter orifice with three depth configurations of 0.063, 0.15 and 0.3 in.; a four-to-one ratio ellipse with two depth configurations of 0.063 and 0.3 in., and one skew orientation configuration of 45 deg; one rectangular orifice with a length-to-width ratio of 18.12; one two-to-one ratio ellipse; and a 0.5 in. diameter circular orifice. The vent plates contained static pressure measurements on the plate surface and a lip static pressure port. The vent port designations are shown on Fig. 5. The lip pressure P_{16} is located just within the orifice, near ports P_{15} and P_{40}.

The vent plates were interchangeable with the plenum chamber. Instrumentation in the plenum chamber included two static pressure measurements, one total pressure measurement and a temperature measurement. Downstream of the plenum chamber the flowmeter system, comprised of three flowmeters in parallel, recorded flow rate measurements.

Reference 3 describes the test model and its measurements in detail.

2.3 DATA ACQUISITION

All data obtained during the inflow orifice efficiency test were initially recorded and reduced by the Ames facility. Subsequent analysis indicated that certain data, such as the bulk of flat plate and wake rake pressures, could be

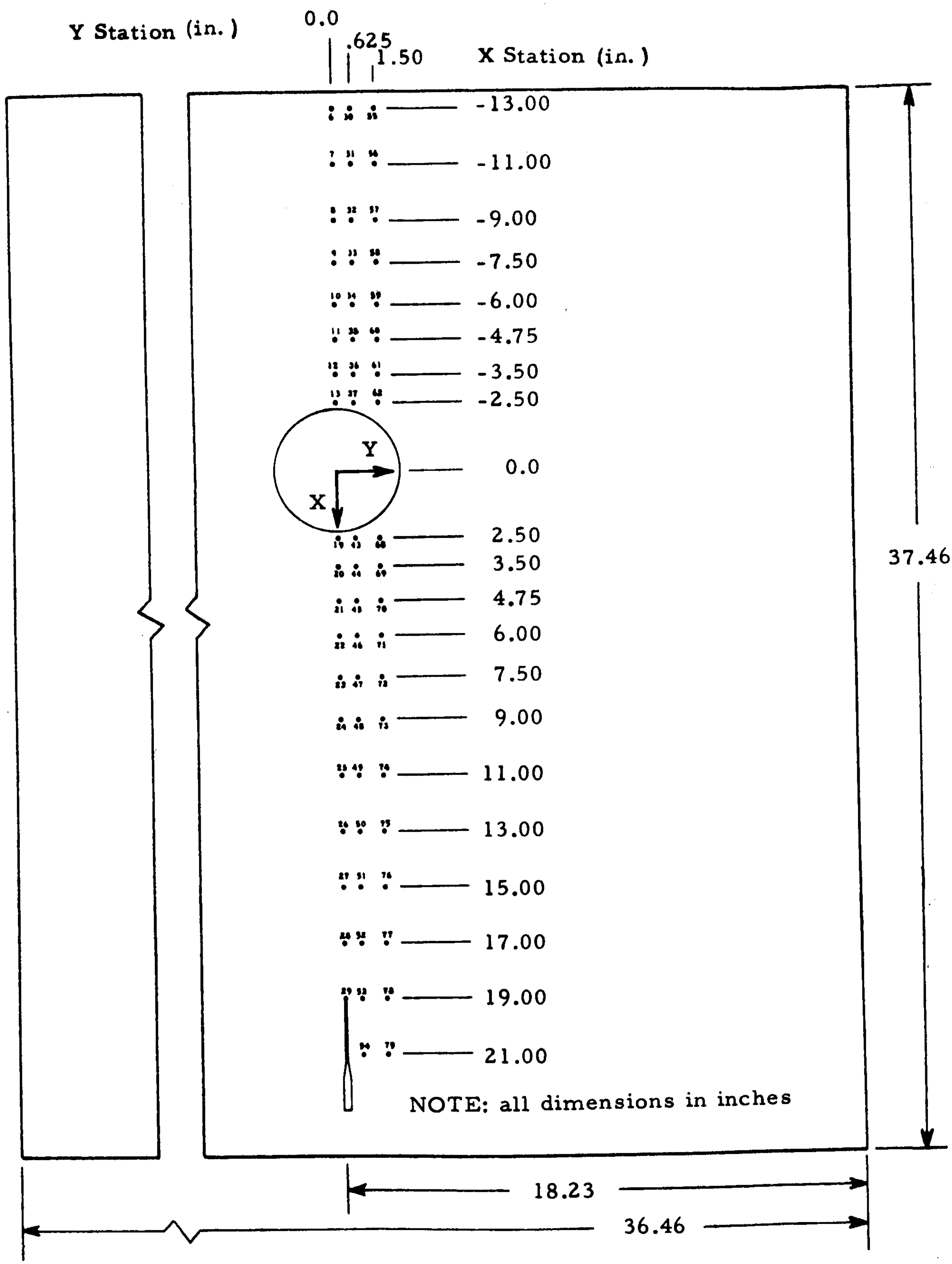


Fig. 2 - Flat Plate and Port Locations

Pressure Port No.	Height, (in.)
102	7.00
101	6.50
100	6.00
99	5.50
98	5.00
97	4.60
96	4.20
95	3.80
94	3.40
93	3.00
92	2.70
91	2.40
90	2.10
89	1.80
88	1.50
87	1.30
86	1.10
85	.90
84	.70
83	.50
82	.30
81	.15
80	.04

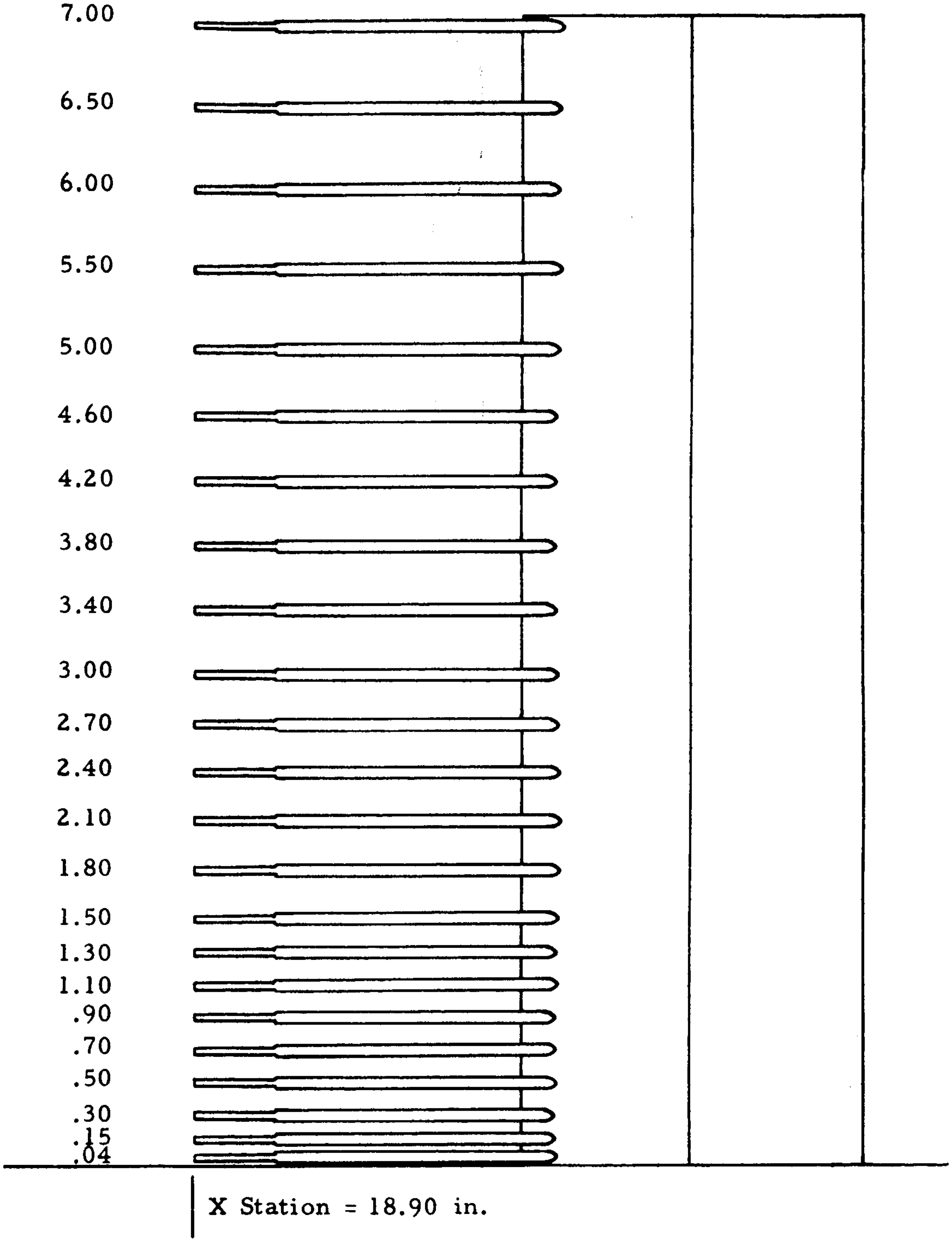
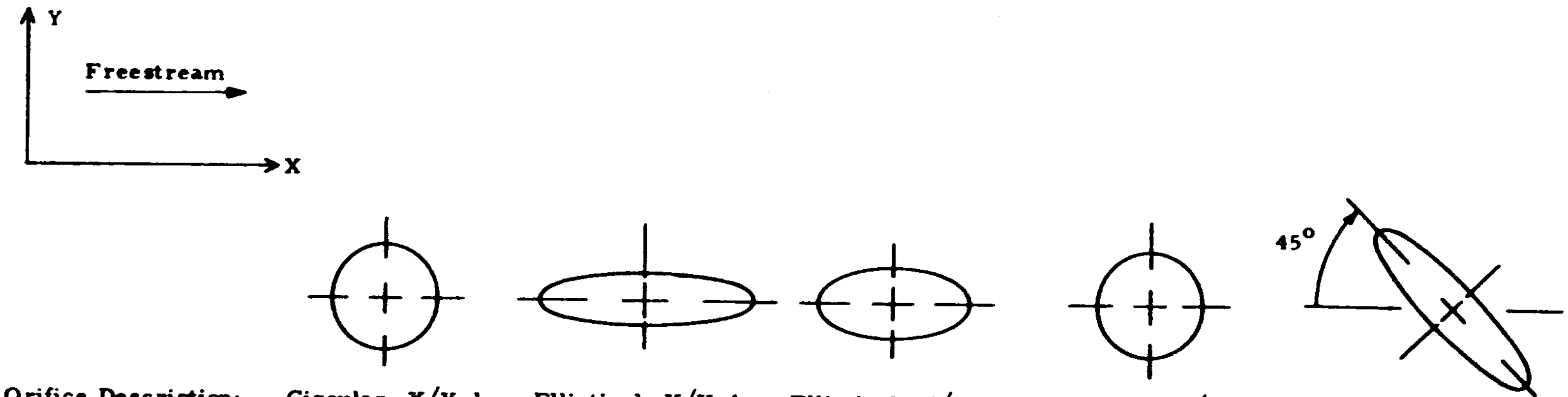
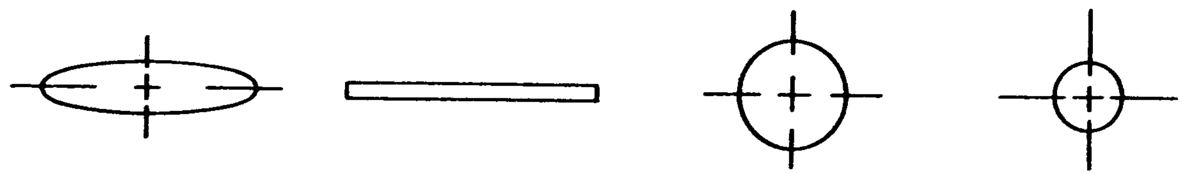


Fig. 3 – Wake Rake Designations and Locations



Orifice Description:	Circular, X/Y=1	Elliptical, X/Y=4	Elliptical, X/Y=2	Circular, X/Y=1	Elliptical, X/Y= 4
Orifice Depth:	0.063 in.	0.063 in.	0.063 in.	0.150 in.	0.063 in.
Major Axis Length:	0.750 in.	1.500 in.	1.060 in.	0.750 in.	1.500 in.
Area, Sq In:	0.4484	0.4450	0.4463	0.4484	0.4450
Configuration Number:	1	2	3	4	5



Orifice Description:	Elliptical, X/Y=4	Rectangular, X/Y = 18.12	Circular, X/Y=1	Circular, X/Y = 1
Orifice Depth:	0.300 in.	0.063 in.	0.300 in.	0.063 in.
Major Axis Length:	1.500 in.	1.765 in.	0.750 in.	0.500 in
Area, Sq In:	0.4450	0.1719	0.4484	0.1964 in.
Configuration Number:	8	9	10	11

Fig. 4 - Vent Orifice Descriptions

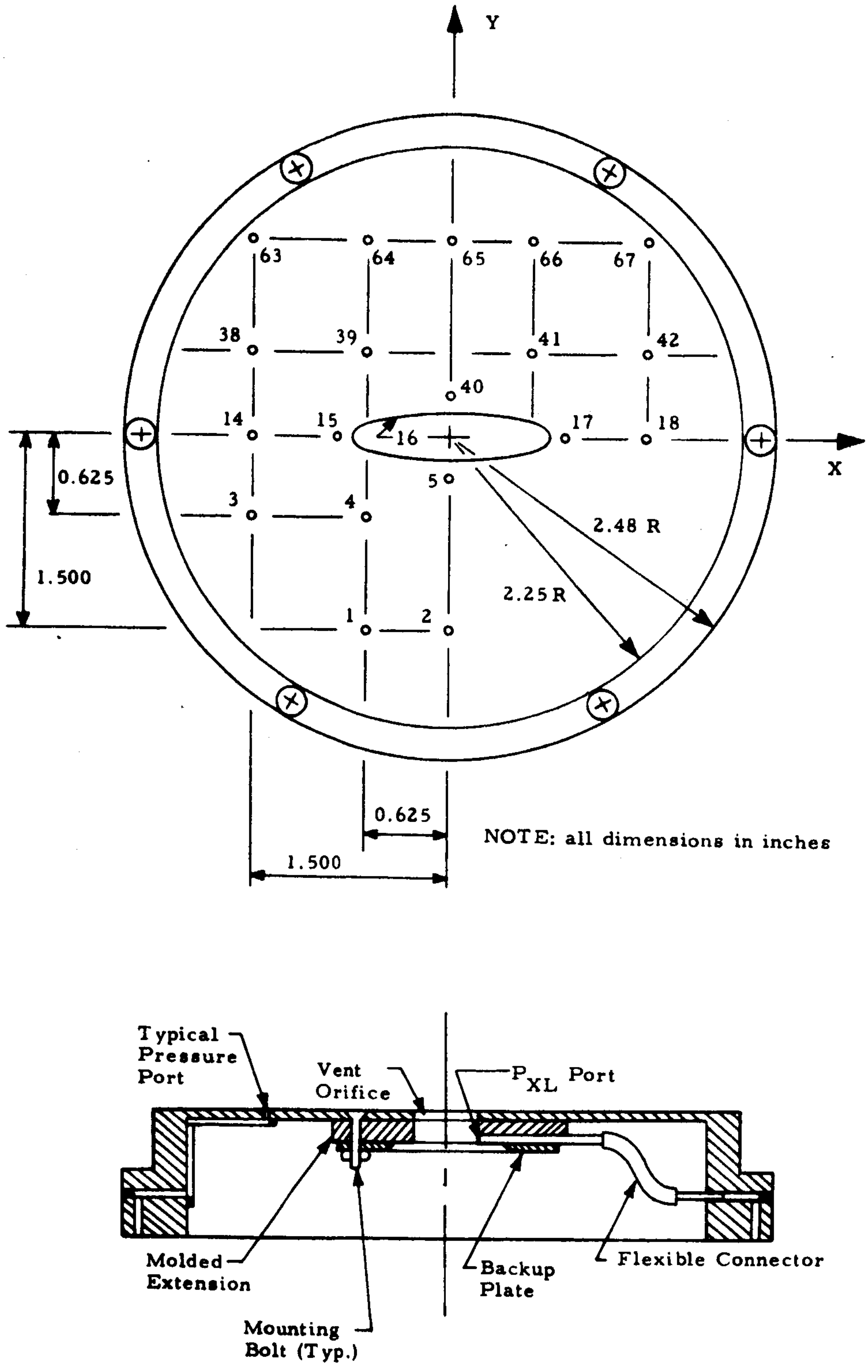


Fig. 5 - Vent Plate and Port Pressure Measurement Designations (Idealized section shows addition of orifice extension.)

dropped from consideration as being largely insignificant and/or invariant. Similarly, certain other data, such as pressure parameters useful in presenting the orifice efficiencies, were added to the output. Thus the raw data were used to recompute a concise set of final data more immediately useful to venting studies than the original lengthy results. In addition, the actual mass flow rates were recomputed using a more accurate table of instrument calibration data.

Notable changes from the scheduled output of the pretest report (Ref. 3) are as follows:

- Plenum pressure P_p is always P_{p_1}. Only minor differences were found between P_{p_1} and P_{p_2}.
- Plenum total pressure P_{t_p} was dropped due to the continuously varying flow direction within the plenum chamber.
- The theoretical plenum (orifice) temperatures T_{th_∞} and T_{th_9} were not directly considered during the analysis, and therefore dropped.
- A third orifice efficiency, K_{DIT}, was added to the final results. This uses the assumptions of Ref. 4.
- Flat plate, wake rake, and traversing probe pressure data are represented in the figures of Appendixes A, B, and C. They are deleted from the data listing.

2.4 DATA REDUCTION EQUATIONS

Most basic data are obtained through direct conversion of the various instrument outputs. The derived data are obtained from the equations described on the following pages.

2.4.1 Boundary Layer Traversing Probe and Wake Rake Pressures

The total pressure readings for both the probe and rake are corrected for standing shock waves when the freestream flow is locally supersonic. With subscripts 1 and 2 representing conditions upstream and downstream of the shock, respectively, the criterion for this correction is $P_1/P_{t_2} < .5283$. Otherwise no correction is needed.

The solution involves solving the Rayleigh pitot formula,

$$\frac{P_{t_2}}{P_1} = \left[\frac{(\gamma+1)\, M_1^2}{2}\right]^{\frac{\gamma}{\gamma-1}} \left[\frac{\gamma+1}{2\gamma\, M_1^2 - (\gamma-1)}\right]^{\frac{1}{\gamma-1}} \tag{1}$$

for M_1 ahead of the shock; then

$$P_{t_1} = P_{t_2} \left[\frac{(\gamma+1)\, M_1^2}{(\gamma-1)\, M_1^2 + 2}\right]^{\frac{-\gamma}{\gamma-1}} \left[\frac{\gamma+1}{2\gamma\, M_1^2 - (\gamma-1)}\right]^{\frac{-1}{\gamma-1}} \tag{2}$$

An approximate explicit solution of Eq. (1) was used in the test data reduction.

For the traversing probe, the following substitutions are made in Eqs. (1) and (2):

$P_1 = P_\infty$ = local upstream static pressure

$P_{t_2} = (P_{tr})_2$ = probe reading

$P_{t_1} = P_{tr}$ = corrected pressure.

For the wake rake, these substitutions are

$P_1 = P_{27}$ (located 3.9 in. upstream of rake on the flat plate) = local upstream static pressure

$P_{t_2} = (P_i)_2 = i^{th}$ rake tube reading

$P_{t_1} = P_i$ = corrected pressure

2.4.2 Traversing Probe Local Velocity

$$V_{tr} = \sqrt{\frac{2\gamma R}{\gamma - 1} \, T_\infty \left[\left(\frac{P_\infty}{P_{tr}} \right)^{\frac{1-\gamma}{\gamma}} - 1 \right]} \quad \text{ft/sec} \tag{3}$$

where P_{tr} = corrected pressure from above.

2.4.3 Local Flat Plate Mach Number (based on P_9)

$$M_9 = \sqrt{\frac{2}{\gamma - 1} \left[\left(\frac{P_9}{P_{t_\infty}} \right)^{\frac{1-\gamma}{\gamma}} - 1 \right]} \tag{4}$$

2.4.4 Actual Mass Flow Rate

$$(\rho AV)_{act} = (SCFM) \, \frac{\rho STD}{60} \quad \text{slug/sec} \tag{5}$$

where SCFM = corrected flowmeter output interpolated on calibration curves, ft^3/min

ρSTD = .0023275 $slug/ft^3$

2.4.5 Mass Flow Ratios

These are ratios of mass flow rate per unit area, where the numerator is

$$(\rho V)_j = (\rho AV)_{act}/A \tag{6}$$

and the denominator is either of the two values

$$(\rho V)_\infty = P_\infty V_\infty/RT_\infty \tag{7}$$

$$(\rho V)_9 = P_9 M_9 \left[\frac{\gamma}{RT_{t_\infty}} \left(1 + \frac{\gamma - 1}{2} M_9^2 \right) \right]^{0.5} \tag{8}$$

2.4.6 Orifice Efficiencies

The orifice efficiency is obtained as the ratio of actual (measured) to theoretical (ideal) mass flow rate:

$$K = \frac{(\rho AV)_{act}}{(\rho AV)_{th}} \tag{9}$$

Actual flow rate is computed in Eq. (5). Theoretical flow rates are determined by applying the relations for steady, one-dimensional, compressible flow of a perfect gas to the measured conditions across the vent orifice. Several choices are available for the total pressure P_T through the orifice; in all cases the total temperature is set equal to the freestream total temperature T_{t_∞}.

Dittrick

The general equation is

$$(\rho AV)_{th} = A\, P_T \left(\frac{P_p}{P_T}\right)^{\frac{1}{\gamma}} \sqrt{\frac{2\gamma}{(\gamma-1)\, RT_{t_\infty}} \left[1 - \left(\frac{P_p}{P_T}\right)^{\frac{\gamma-1}{\gamma}}\right]} \tag{10}$$

Two limiting conditions are applied to Eq. (10):

For choked flow, where $P_p/P_T \leq 0.5283$, the theoretical flow rate is

$$(\rho AV)_{th} = A\, P_T \sqrt{\frac{\gamma\, (0.5283)^{\frac{\gamma+1}{\gamma}}}{R\, T_{t_\infty}}} \tag{11}$$

When the ratio $P_p/P_T \geq 1.0$,

$$(\rho AV)_{th} = 0.0 \tag{12}$$

and the orifice efficiency K is also set equal to zero.

These efficiencies were computed with the following choices for total pressure P_T:

- $P_T = P_9$, and $K = K_9$. This choice follows Ref. 5. P_9 is a flat plate static pressure located 7.5 inches upstream of the orifice.
- $P_T = P_\infty$, and $K = K_\infty$.
- $P_T = P_{t_\infty}$, and $K = K_{DIT}$. This follows Ref. 4.

Section 3
PRESENTATION AND DISCUSSION OF DATA

This section contains a description of the data shown in Appendixes A through E and a discussion of the results. The variables plotted are representative of the overall objectives of the test requirements. Several modifications were made to the test program as presented in the pretest report (Ref. 3). The major modification was the deletion of two vent plate configurations (6 and 7) and the inclusion of vent plate configuration 11. The latter modification was made during the course of the test. The orifice area of configuration 11 was sufficiently small (0.1964 in.^{2}) for the Ames pump system to attain the desired pressure drop across the orifice.

3.1 DATA PRESENTATION

The test data are presented in Appendixes A through E in plotted form and in Appendix G in tabulated form. Appendix F presents the nomenclature used to define the data in Appendix G.

3.1.1 Traversing Probe

The traversing probe was used to measure total pressure at various distances from the flat plate. The total pressure measurements were converted to velocities using the Rayleigh pitot tube formula. Figures A-1 through A-4 in Appendix A are results of the velocity distributions normalized to the freestream velocity for different Mach numbers compared at the three flat plate positions 0.0, 1.75 and 5.85 in. The boundary layer was assumed to be fully developed at 99% of the freestream velocity. The resulting boundary layer thickness as a function of Mach number for each plate position is presented in Fig. A-5.

3.1.2 Wake Rake

Wake rake pressure distributions representative of the entire range of flows encountered during the test are presented in Appendix B in Figs. B-1 through B-6. The rake, located 18.9 in. aft of the vent area had a total of 23 pitot tubes at heights ranging from 0.04 to 7.0 in. above the flat plate. Each rake tube pressure was nondimensionalized by the freestream total pressure.

3.1.3 Plate Static Pressure Distributions

The plots in Appendix C, Figs. C-1 through C-5, describe the static pressure distributions on the longitudinal axis of the flat plate model in line with the vent orifice. The static pressures are normalized by the tunnel freestream total pressure. The pressure distributions in Appendix C are representative of the maximum suction through the orifices of configurations 1, 2, 9 and 11 at the maximum flat plate boundary layer thickness; i.e., POS = 0.0 in. The pressure distribution associated with configuration 9 on Fig. C-5 is also plotted at the minimum flat plate boundary layer thickness; i.e., POS = 5.85 in.

3.1.4 Orifice Efficiencies

Figures D-1 through D-54 presented in Appendix D are the results of the orifice efficiency test data. The curves on Figs. D-1 through D-27 show the orifice efficiency K_9, based on local pressure P_9, versus the local to plenum static pressure ratio P_9/P_p. Each plot includes all Mach numbers run for the specific configuration and flat plate position. The next set of curves, Figs. D-28 through D-54, shows the jet to local mass flow ratio, $(\rho V)_j/(\rho V)_9$), versus the local to plenum pressure ratio for these same configurations.

3.1.5 Configuration Comparisons

Other requirements of the in-venting efficiency test were to determine the effects of varying the vent orifice geometry, vent thickness, vent orientation, and boundary layer thickness. Figures E-1 through E-20 of Appendix E are results of such comparisons. Figures E-1 through E-3 show the effects of variation between the size of circular orifices (0.5 and 0.75 in. diameter) at Mach numbers of 0.7, 1.1 and 1.9 at plate positions of 0.0, 1.75 and 5.85 in. Vent plate thickness effects at various Mach numbers are shown on Figs. E-4 through E-6 for the circular orifice and on Figs. E-7 through E-9 for the orifice of aspect ratio 4:1. Vent orientation with respect to freestream flow direction is compared in Figs. E-10 through E-12 for the vent orifice of aspect ratio 4:1. The next configuration comparisons are aspect ratio effects in Figs. E-13 through E-15. Compared are aspect ratios of 1:1, 2:1 and 4:1 for different Mach numbers at plate positions 0.0, 1.75 and 5.85 in. Finally, Figs. E-16 through E-20 show effects of plate position for several configurations.

3.2 DATA DISCUSSION

The following is a discussion of the overall data trends noted in the test results.

3.2.1 Traversing Probe Data

Data obtained from the traversing probe tests provided the information to define boundary layer thickness over the flat plate as a function of free-stream Mach number for the plate positions investigated during the test. Inspection of Figs. A-1 through A-4 reveals a consistent variation of boundary layer thickness as a function of plate position and Mach number. The results, plotted in Fig. A-5, are compared with the out-flow venting results of Walters (Ref. 2). Good agreement is noted in the comparisons for positions 0.0 and 5.85 in. The wavy trend in the outflow data is not indicated in the inflow data; this fact may be due to the reduced quantity of Mach number data points in the inflow data.

3.2.2 Wake Rake Data

Wake rake measurements of total pressures were included in this test program to provide some indication of the effect of inflow venting on the boundary layer profile downstream of the orifice. Varying the orifice inflow resulted in negligible perturbation of the boundary layer, indicating complete re-establishment of external flow at the rake. Representative data from Configuration 1 are shown in Figs. B-1 through B-6 for various Mach numbers and plate positions.

3.2.3 Plate Static Pressure Data

The effect of inflow venting on static pressure distribution on the flat plate is presented in Appendix C. The dip in the trend prior to the vent port indicates a velocity increase, while the peak following the vent port indicates a velocity decrease. Both the accelerated flow upstream of the orifice and the decelerated flow downstream are due to suction through the orifice. Further downstream the flow returns to the freestream velocity. The static pressure is seen to increase beginning at about 15 in.downstream of the orifice for Mach numbers 1.1 and 1.3. This is probably due to the shock located at the boundary layer rake 18.9 in. downstream of the orifice.

3.2.4 Orifice Efficiency Data

The orifice efficiency data are presented in two forms in Appendix D. The first form shows orifice efficiency plotted versus the ratio of local pressure to plenum pressure using Mach number, configuration, and plate position as parameters. The orifice efficiency K_9 is based on local pressure P_9, located 7.5 in. upstream of the orifice.

The second set of orifice efficiency data was plotted in the form of jet-to-local mass flow ratio versus local-to-plenum pressure ratio. These curves were included because of their overall smoother trend as compared to the orifice efficiency K_9.

It was noted that the data curves do not generally achieve zero efficiency or mass flow ratio at a pressure ratio of 1.0. This was especially evident in the data based on P_∞ as compared to that based on P_9, indicating a local boundary layer effect. For this reason, no curves of K_∞ are included here.

3.2.5 Configuration Comparison Data

Appendix E shows the results of comparing configurations for the effect on orifice efficiency due to varying orifice size, vent plate thickness, vent plate orientation, orifice aspect ratio, and plate position. The comparisons were made with mass flow ratio for Mach numbers 0.7, 1.1 and 1.9 at plate positions of 0.0, 1.75 and 5.85 in. from the tunnel wall.

A comparison in Figs. E-1 through E-3 of the results for circular orifices (0. 5 and 0.75 in. diameter) shows that the larger orifice provides the greater efficiency.

A comparison of the circular vent plate thicknesses presented in Figs. E-4 through E-6 shows, in general, that the thinner vent plate is the most efficient. This trend is consistent with one exception on Fig. E-4 at Mach 1.9 and with the maximum boundary layer thickness (position 0.0 in.). The anticipated result is best expressed by Fig. E-5 in which the thickest of the vent plates is the least efficient, while the thinnest vent plate is the most efficient. This same trend is also noted in the elliptical vent plate comparisons of Figs. E-7 through E-9. The result is even more obvious as the Mach number increases.

The comparisons on Figs. E-10 through E-12 are based on orientation of the elliptical vent plate (aspect ratio of 4:1) with respect to the freestream air flow. Orientation of the major axis of the ellipse parallel to the flow direction resulted in higher efficiencies than the 45 deg orientation. No data were taken at intermediate orientation positions. The difference in efficiency for the two orientations increased with Mach number.

The next set of comparisons (Figs. E-13 through E-15) was based on the effects of orifice aspect ratio on inflow. The curves obtained from orifices of approximately equal area and aspect ratios of 1:1, 2:1, and 4:1 show a substantial

increase in efficiency with increasing aspect ratio (major axis parallel to flow direction) and decreasing Mach number.

Figures E-16 through E-20 show effects due to varying flat plate position on configurations 11, 1, 3, 2, and 9. It is seen that varying the plate position has a definite effect on efficiency, especially for the smaller orifices. The lack of consistent trends, however, indicates further analysis is warranted.

Section 4
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Appendix A

TRAVERSING PROBE DATA

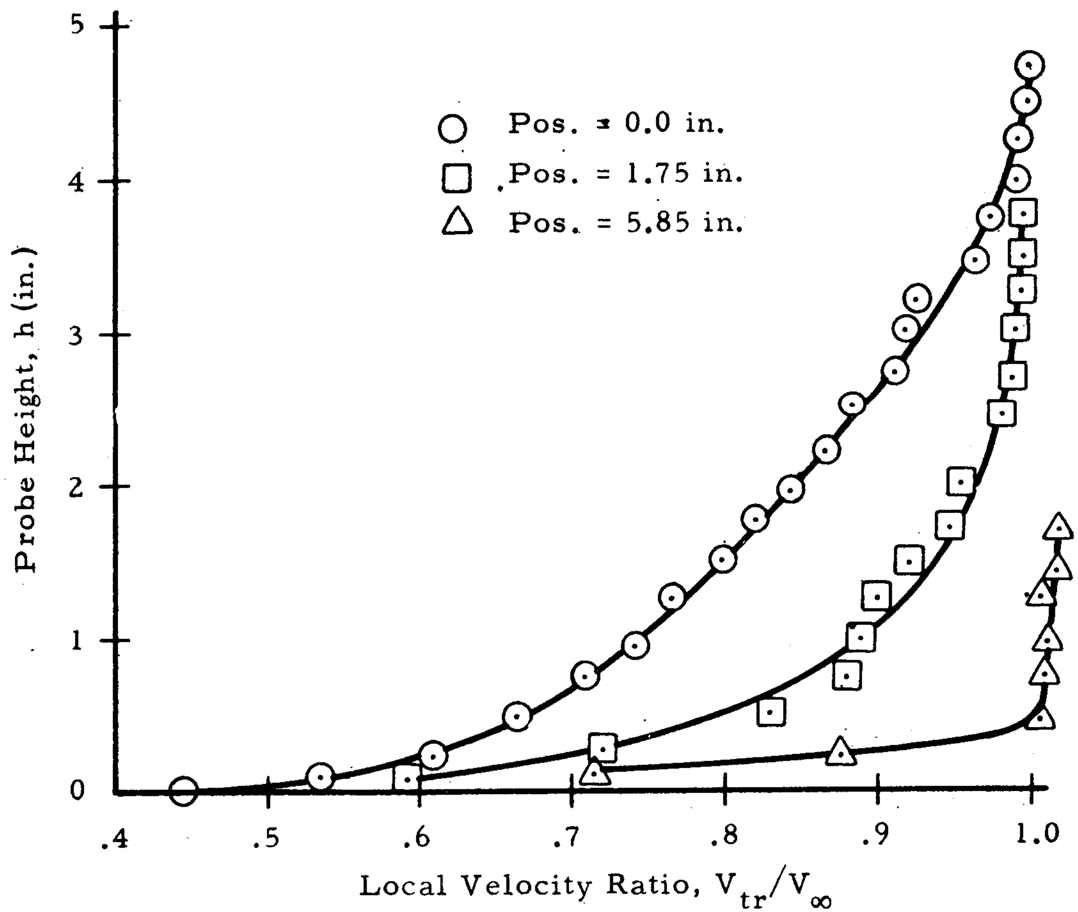

Fig. A-1 - Velocity Ratio Profile at Mach 1.891

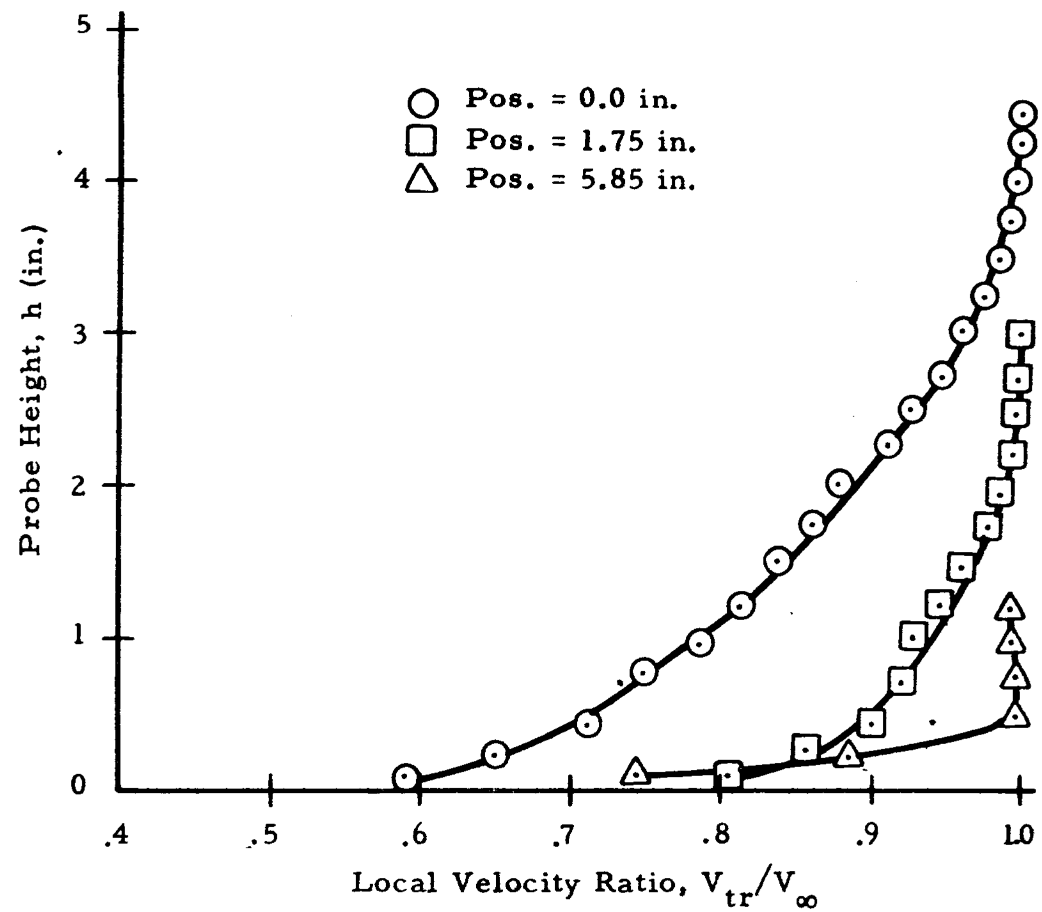

Fig. A-2 - Velocity Ratio Profile at Mach 1.498

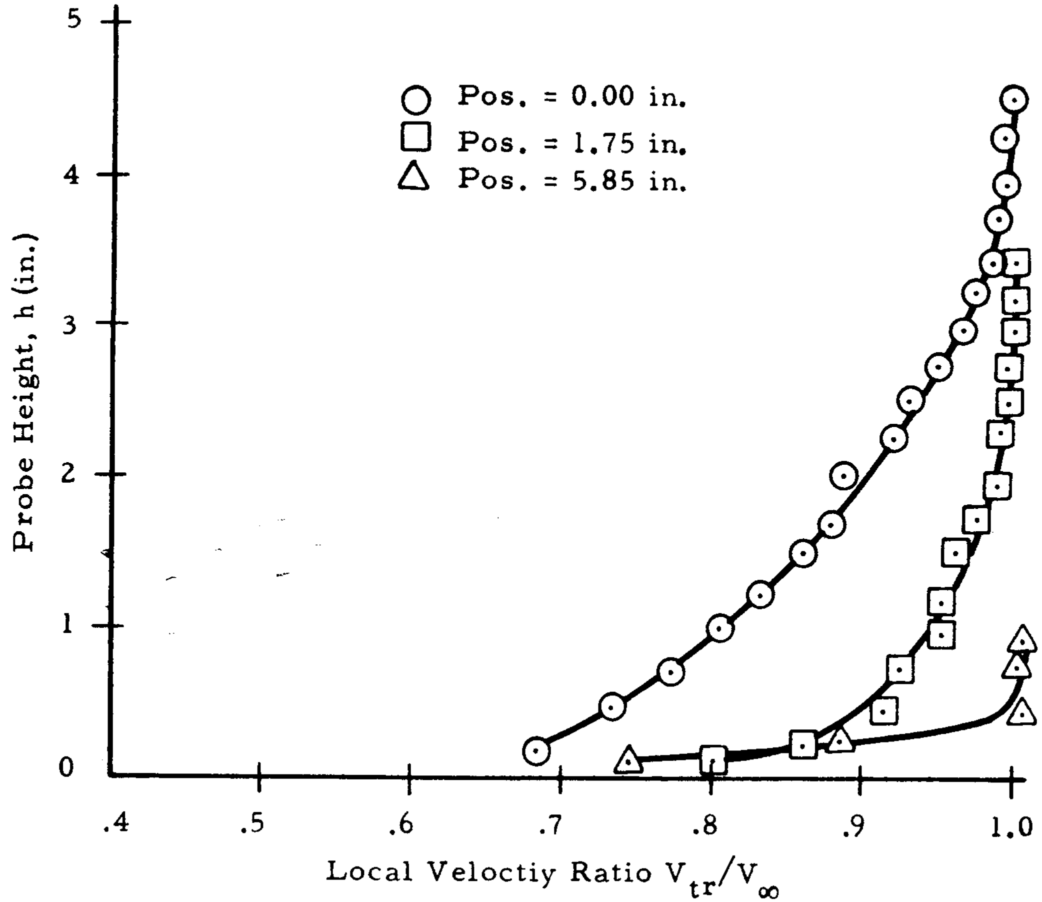

Fig. A-3 - Velocity Ratio Profile at Mach 1.102

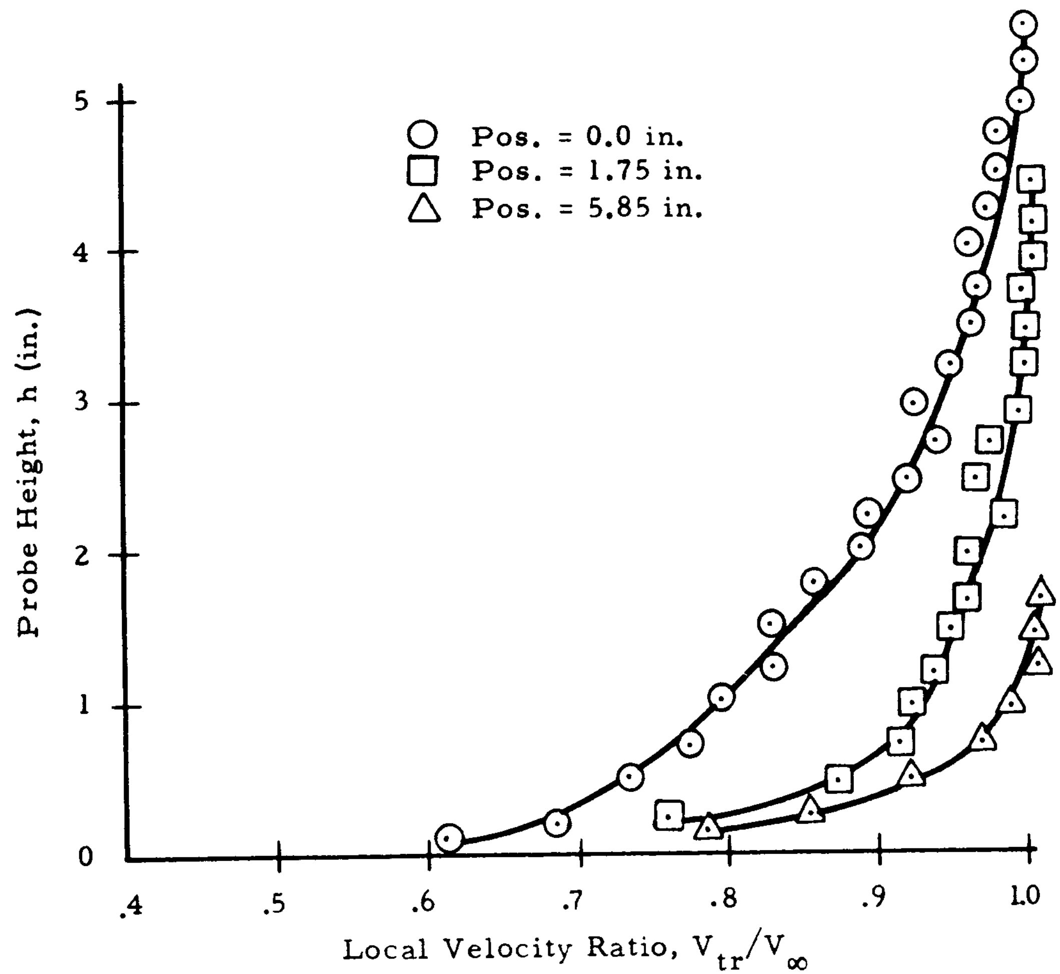

Fig. A-4 - Velocity Ratio Profile at Mach 0.700

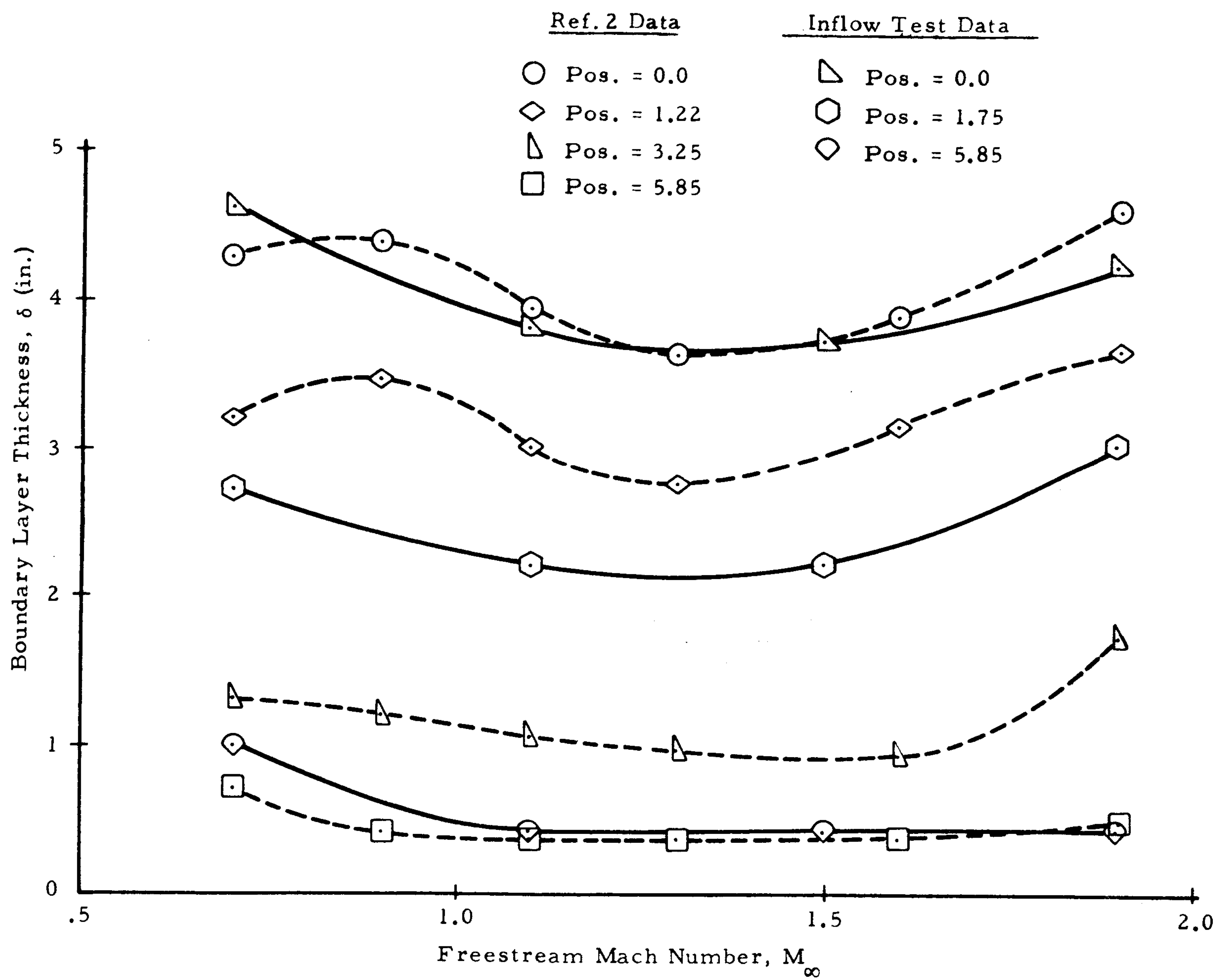

Fig. A-5 - Comparison of Boundary Layer Thickness Over the Test Plate at the Ames 6 x 6 Foot Wind Tunnel as Obtained from the Inflow Venting Test and from Ref. 2

Appendix B

WAKE RAKE DATA

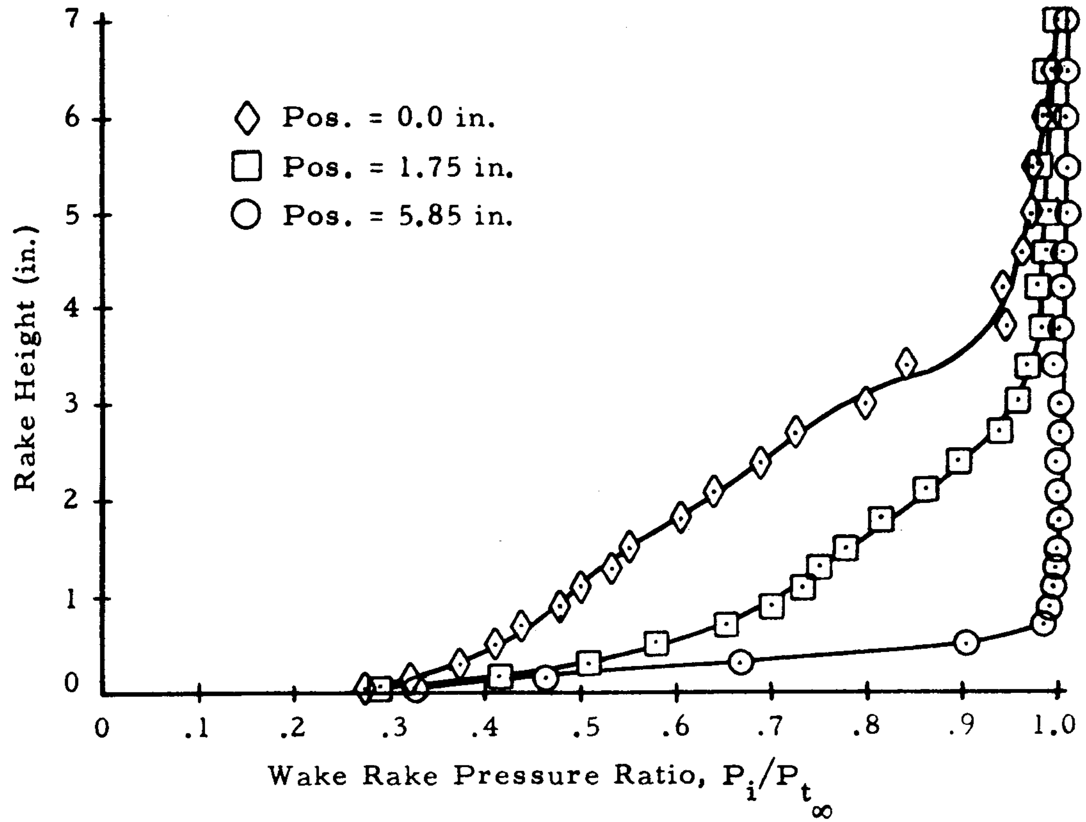

Fig. B-1 - Normalized Pressure Profile of Boundary Layer Rake at $M_\infty = 1.9$

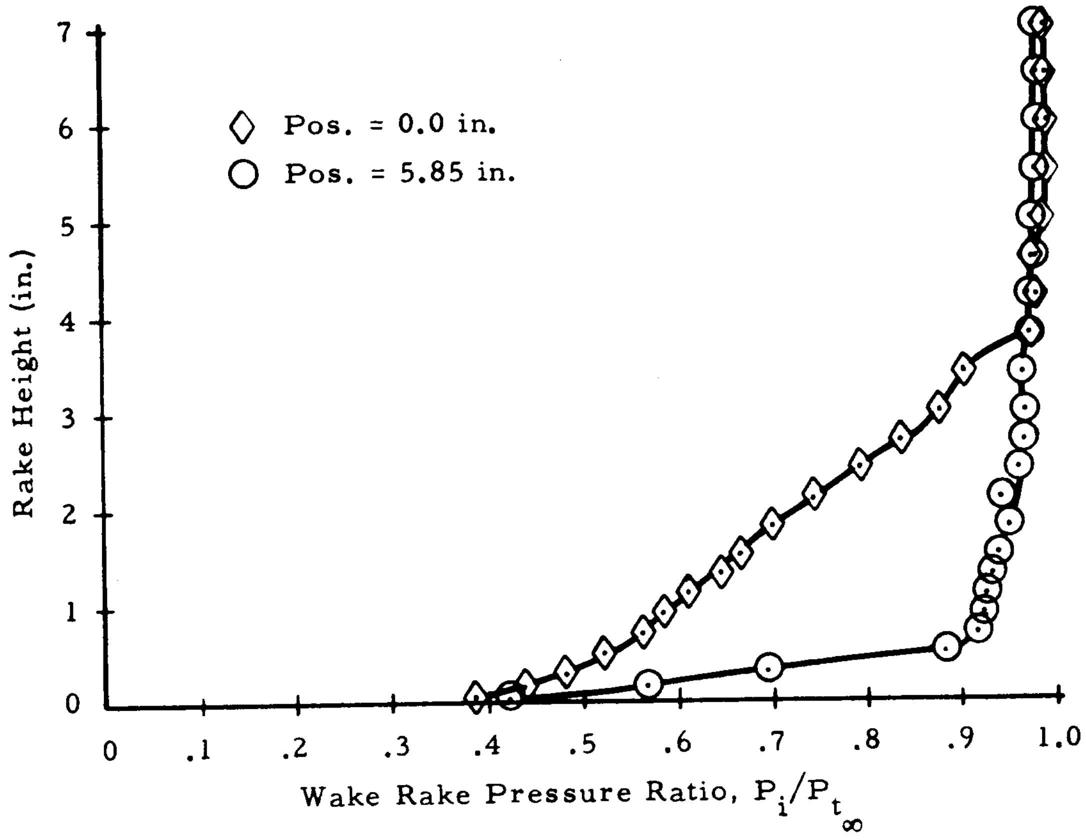

Fig. B-2 - Normalized Pressure Profile of Boundary Layer Rake at $M_\infty = 1.6$

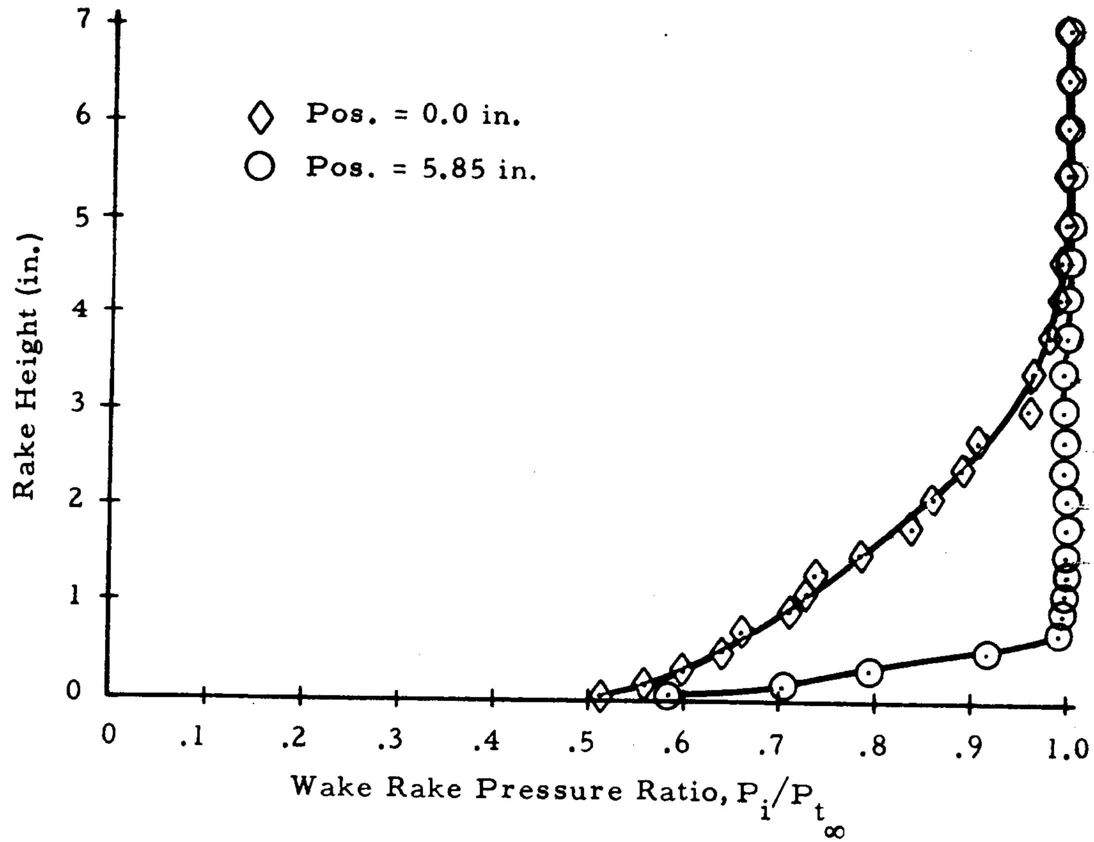

Fig. B-3 - Normalized Pressure Profile of Boundary Layer Rake at $M_\infty = 1.3$

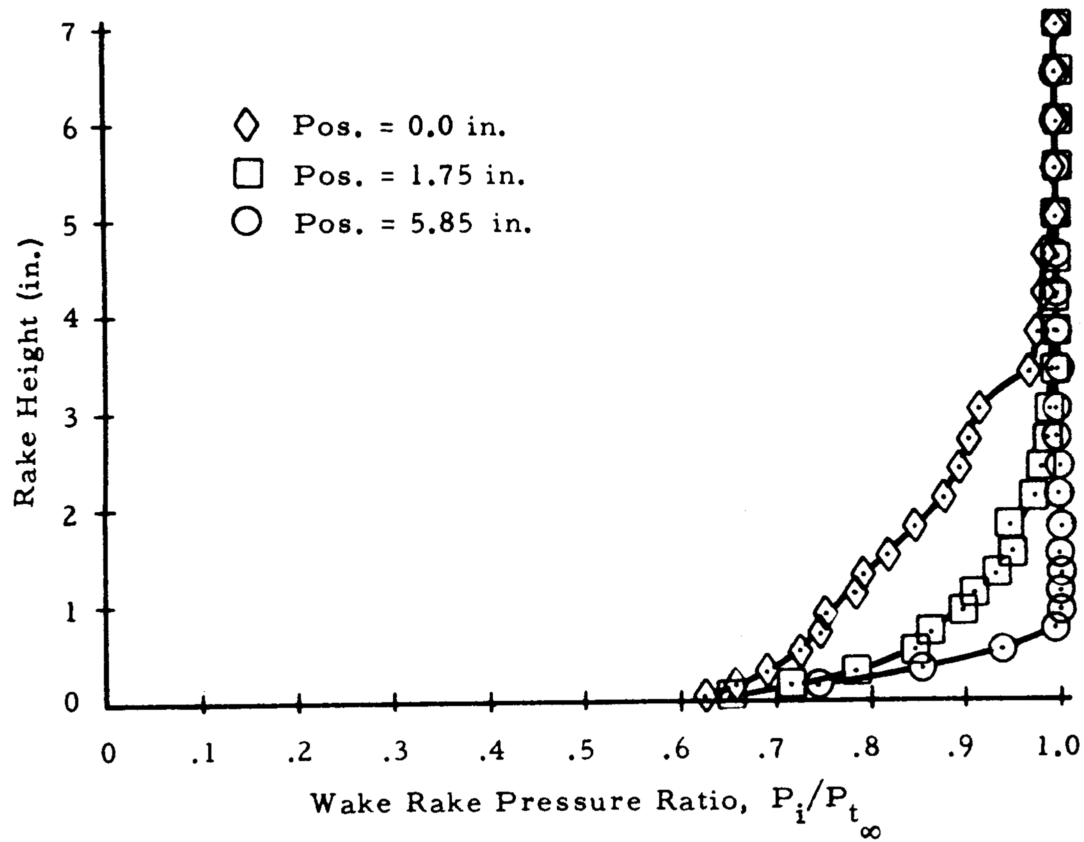

Fig. B-4 - Normalized Pressure Profile of Boundary Layer Rake at $M_\infty = 1.1$

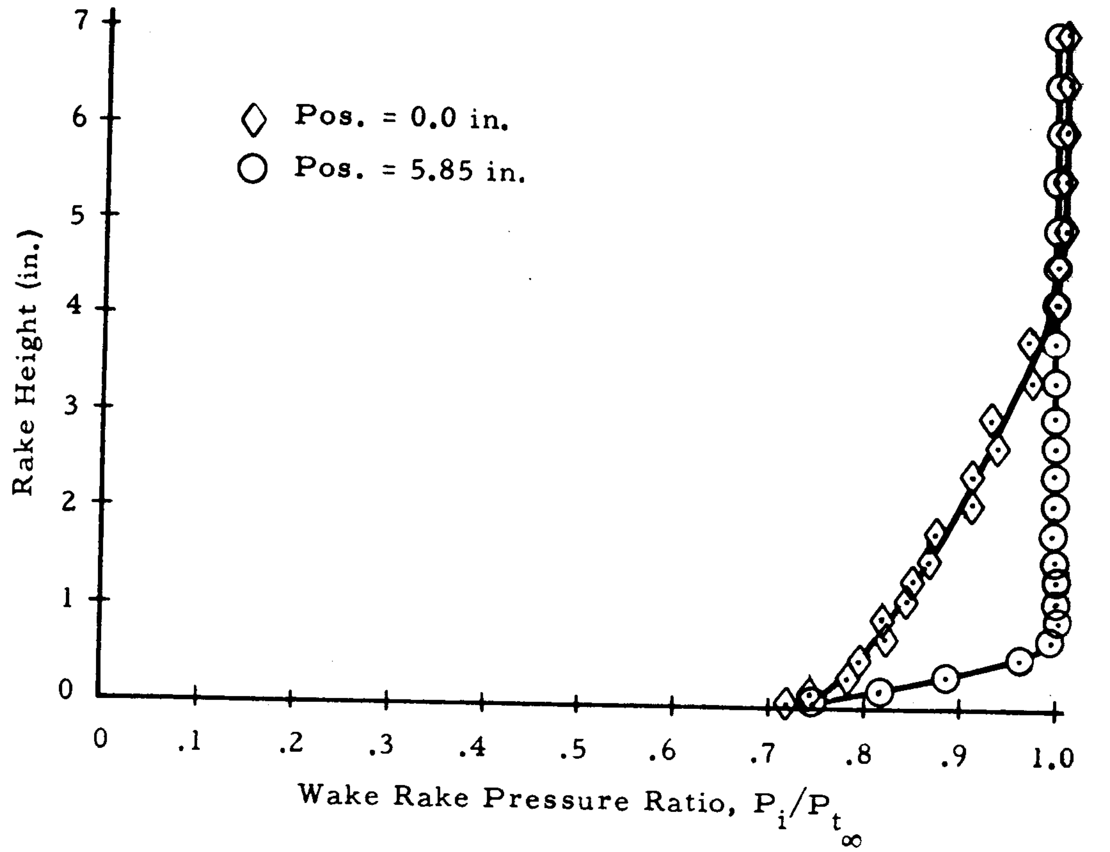

Fig. B-5 - Normalized Pressure Profile of Boundary Layer Rake at $M_\infty = 0.9$

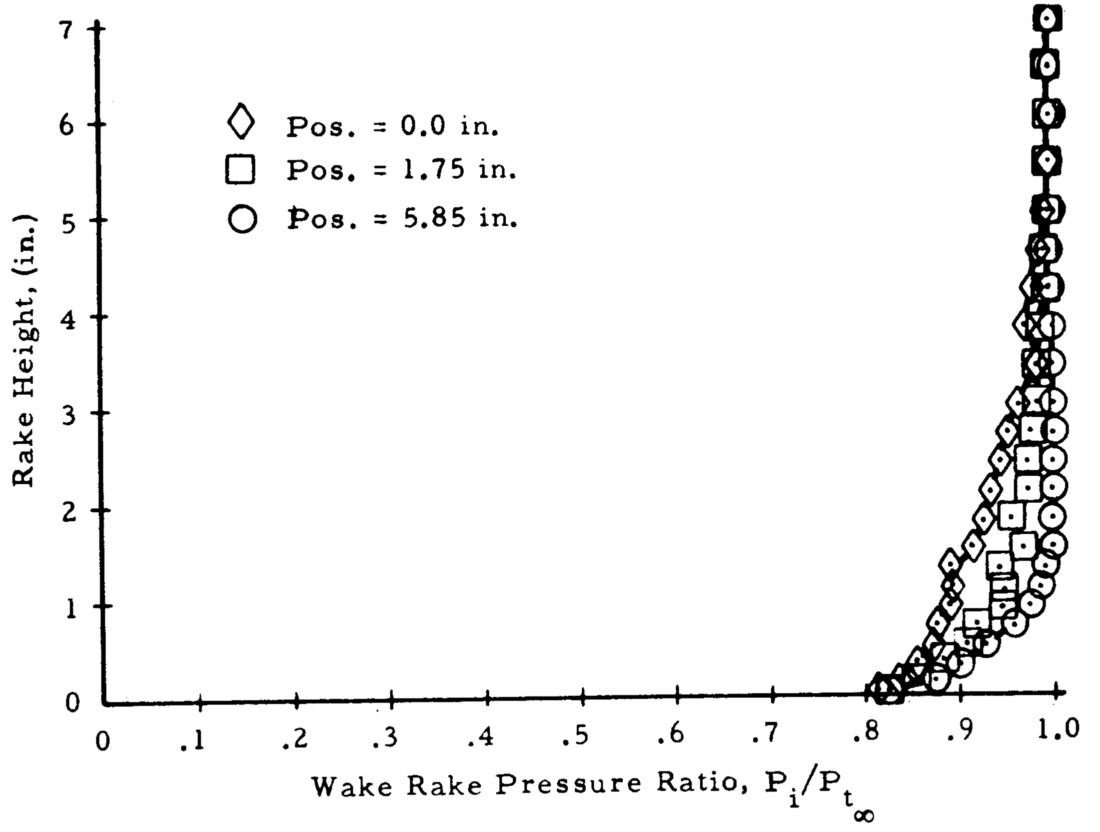

Fig. B-6 - Normalized Pressure Profile of Boundary Layer Rake at $M_\infty = 0.7$

Appendix C

PLATE STATIC PRESSURE DATA

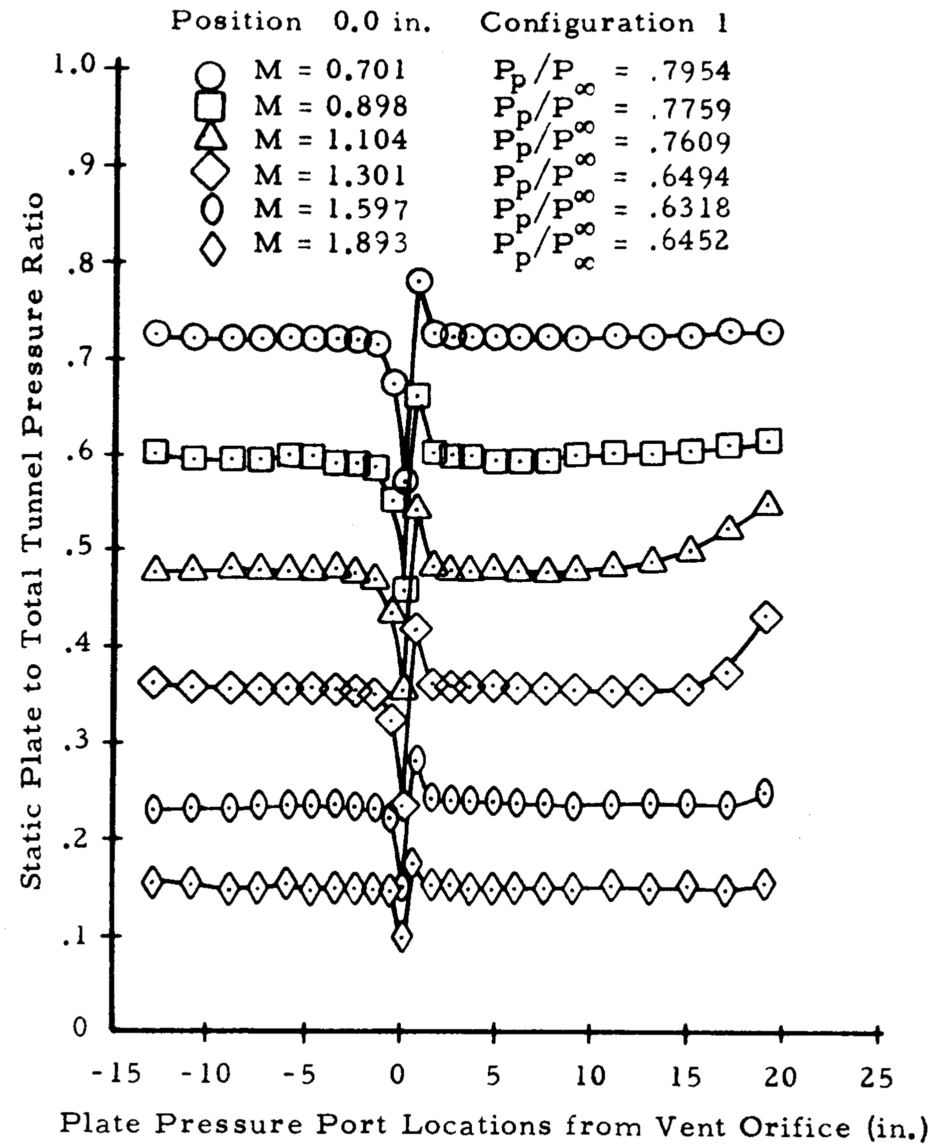

Fig. C-1 - Static Pressure Effects of Inflow Venting at Different Mach Numbers

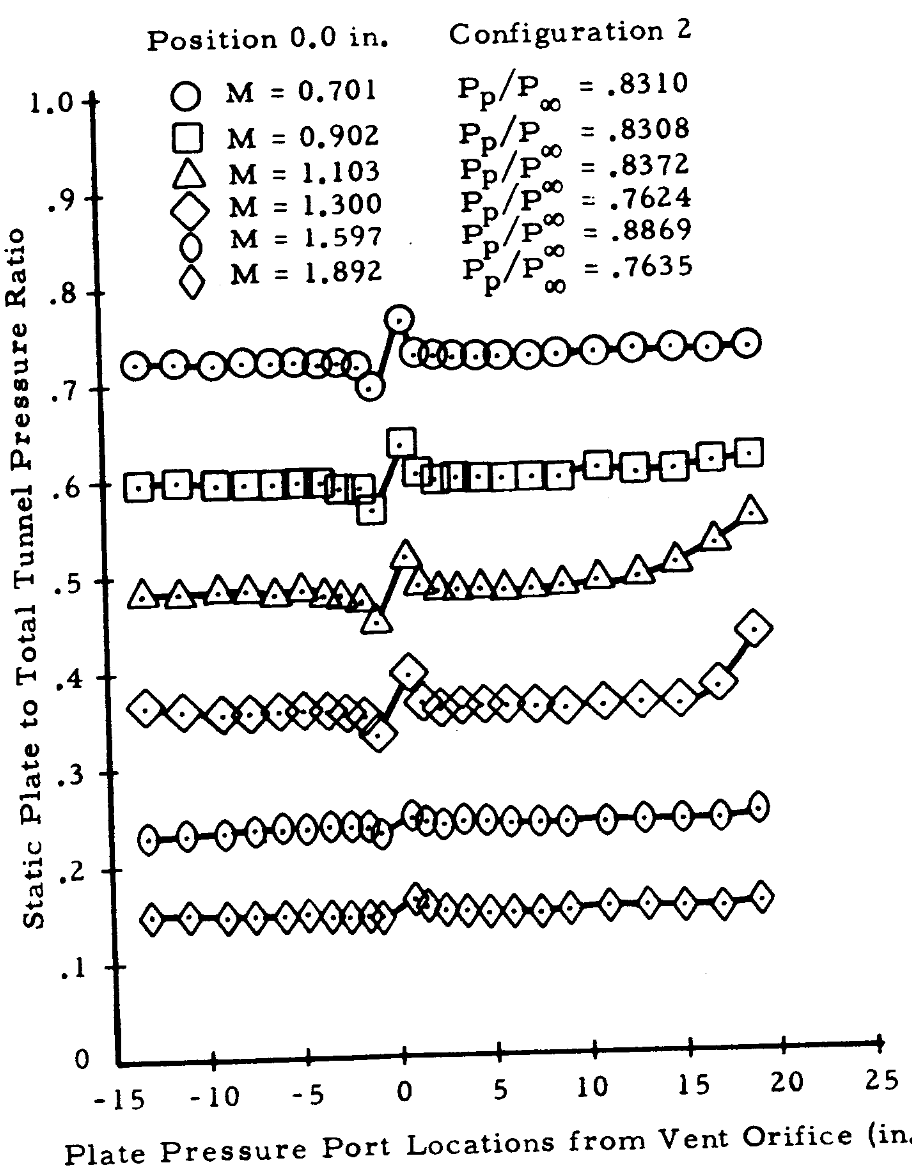

Fig. C-2 - Static Pressure Effects of Inflow Venting at Different Mach Numbers

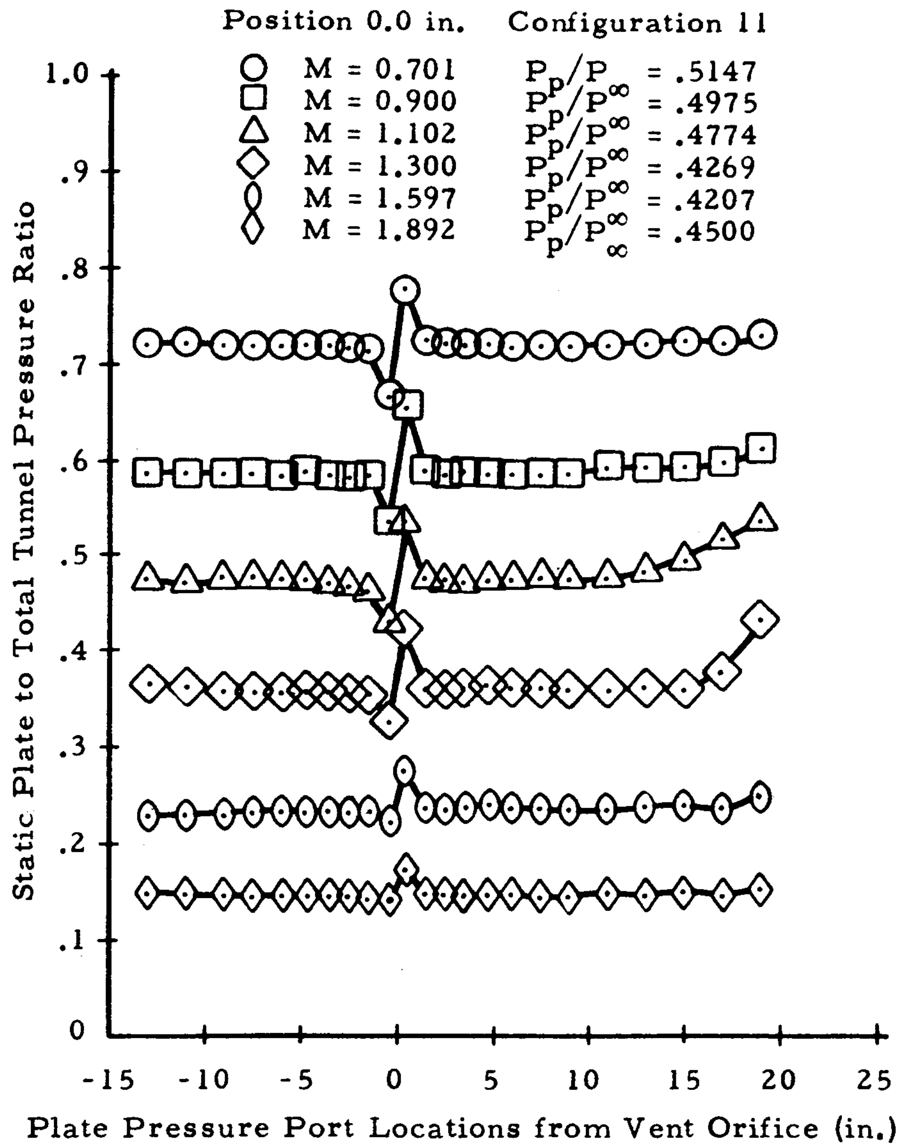

Fig. C-3 - Static Pressure Effects of Inflow Venting at Different Mach Numbers

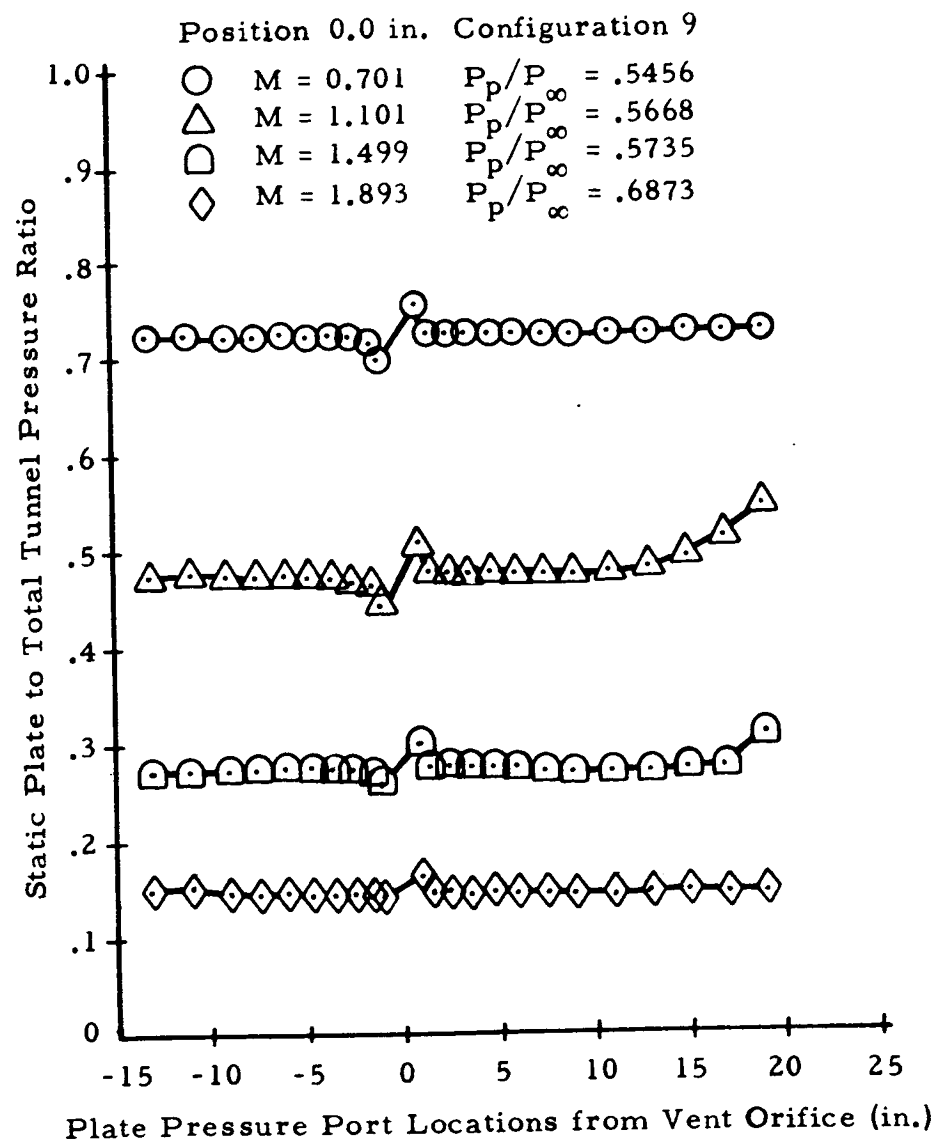

Fig. C-4 - Static Pressure Effects of Inflow Venting at Different Mach Numbers

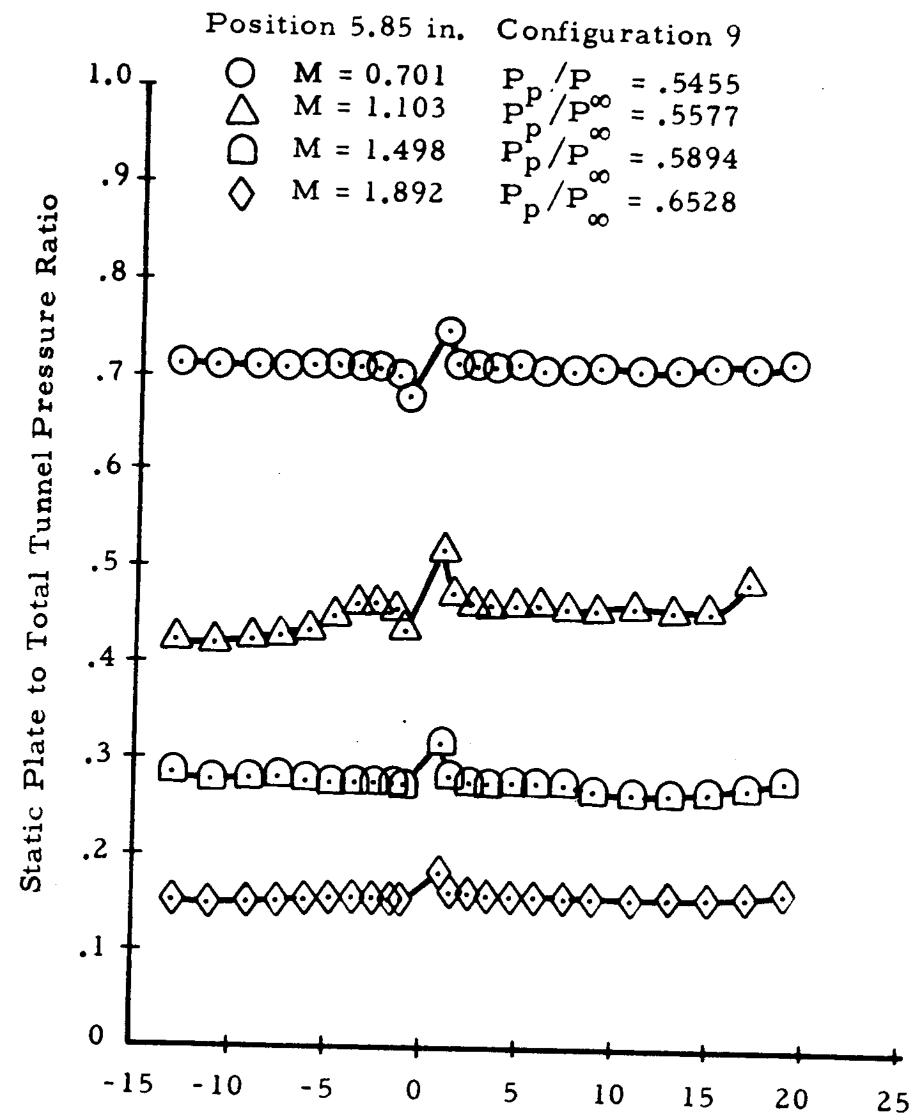

Fig. C-5 - Static Pressure Effects of Inflow Venting at Different Mach Numbers

Appendix D

ORIFICE EFFICIENCY DATA

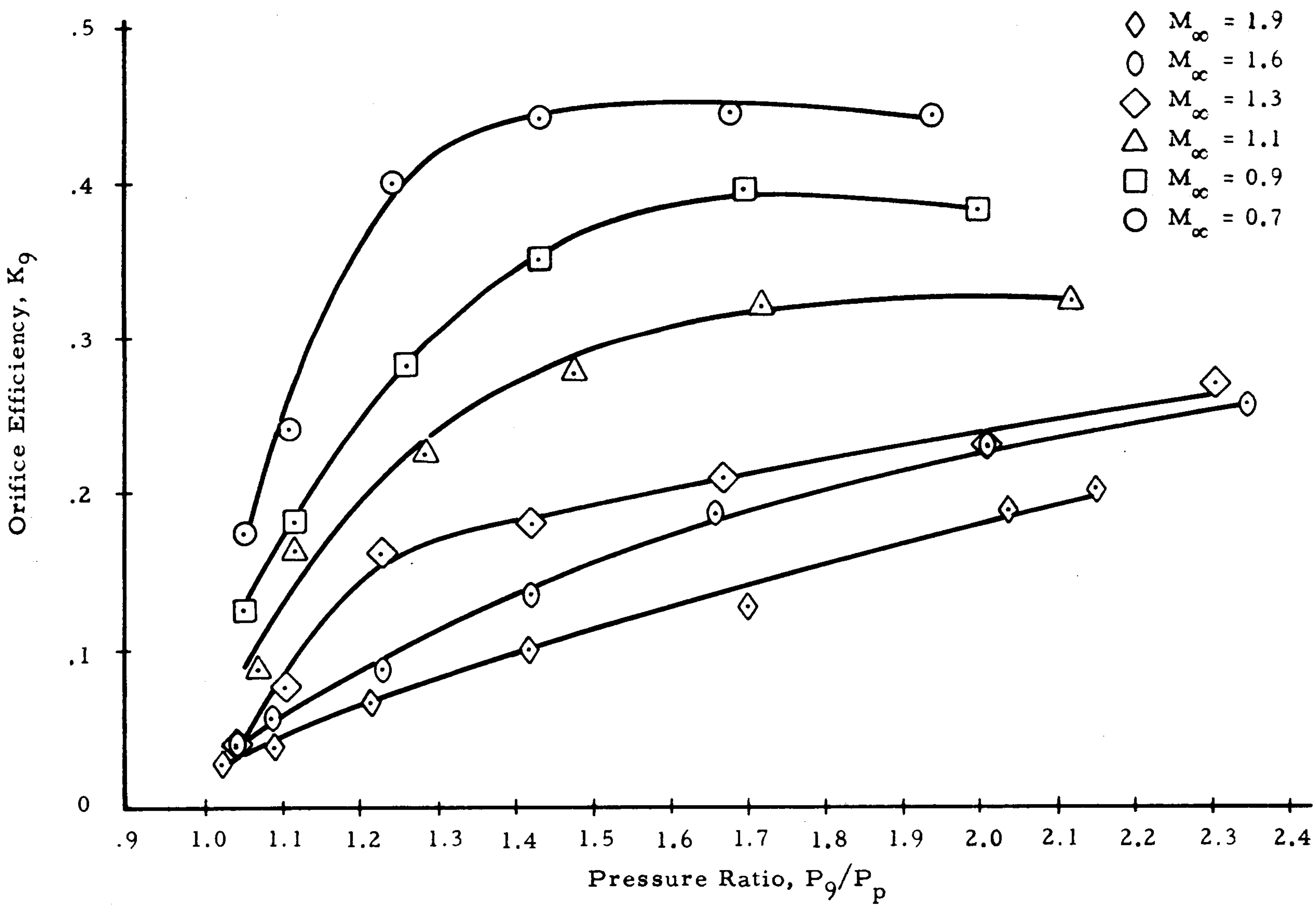

Fig. D-1 - Orifice Efficiency vs Pressure Ratio for Configuration 11 and Plate Position 0.0 Inches for Various Mach Numbers

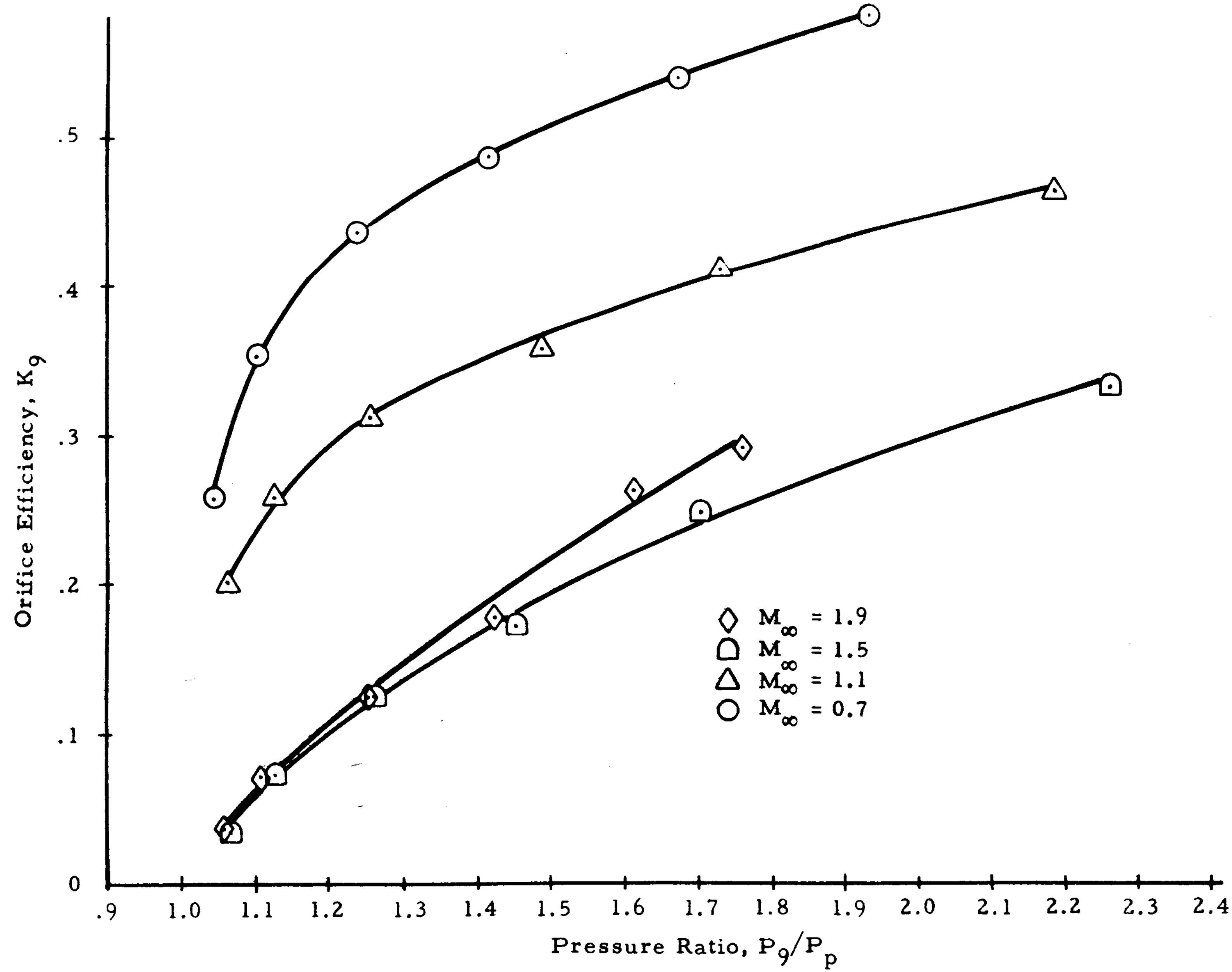

Fig. D-2 - Orifice Efficiency vs Pressure Ratio for Configuration 11 and Plate Position 1.75 Inches for Various Mach Numbers

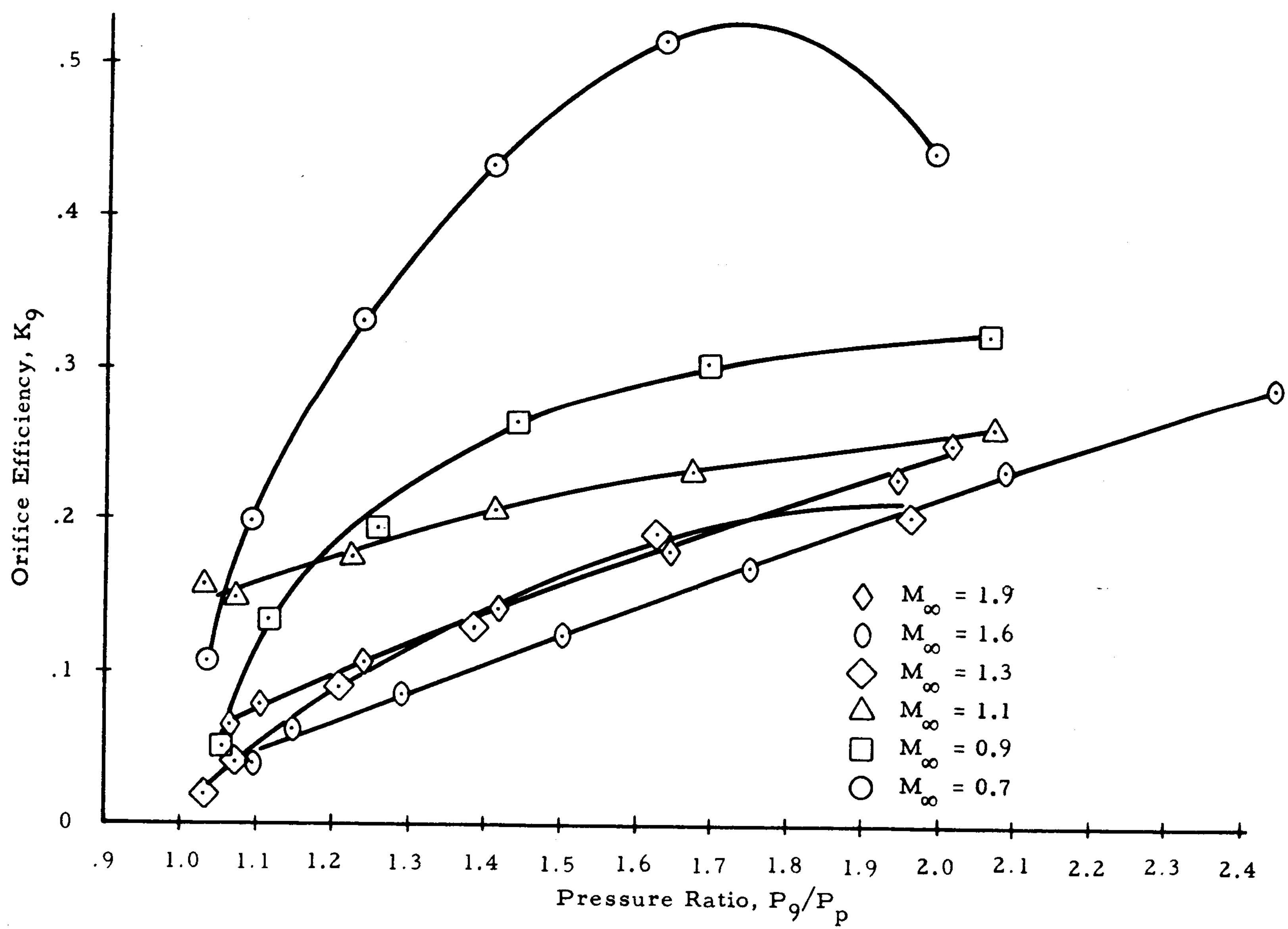

Fig. D-3 - Orifice Efficiency vs Pressure Ratio for Configuration 11 and Plate Position 5.85 Inches for Various Mach Numbers

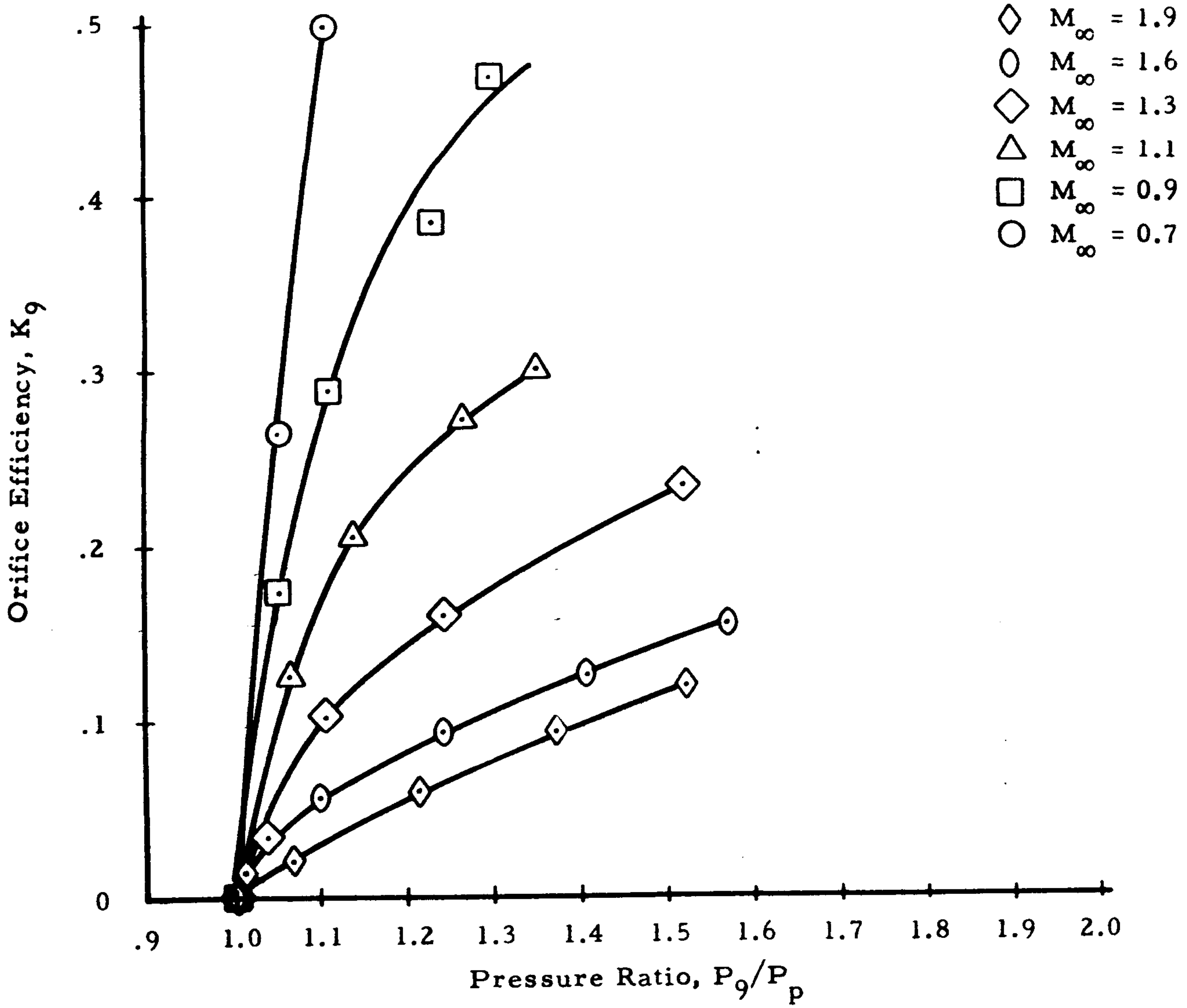

Fig. D-4 - Orifice Efficiency vs Pressure Ratio for Configuration 1 and Plate Position 0.0 Inches for Various Mach Numbers

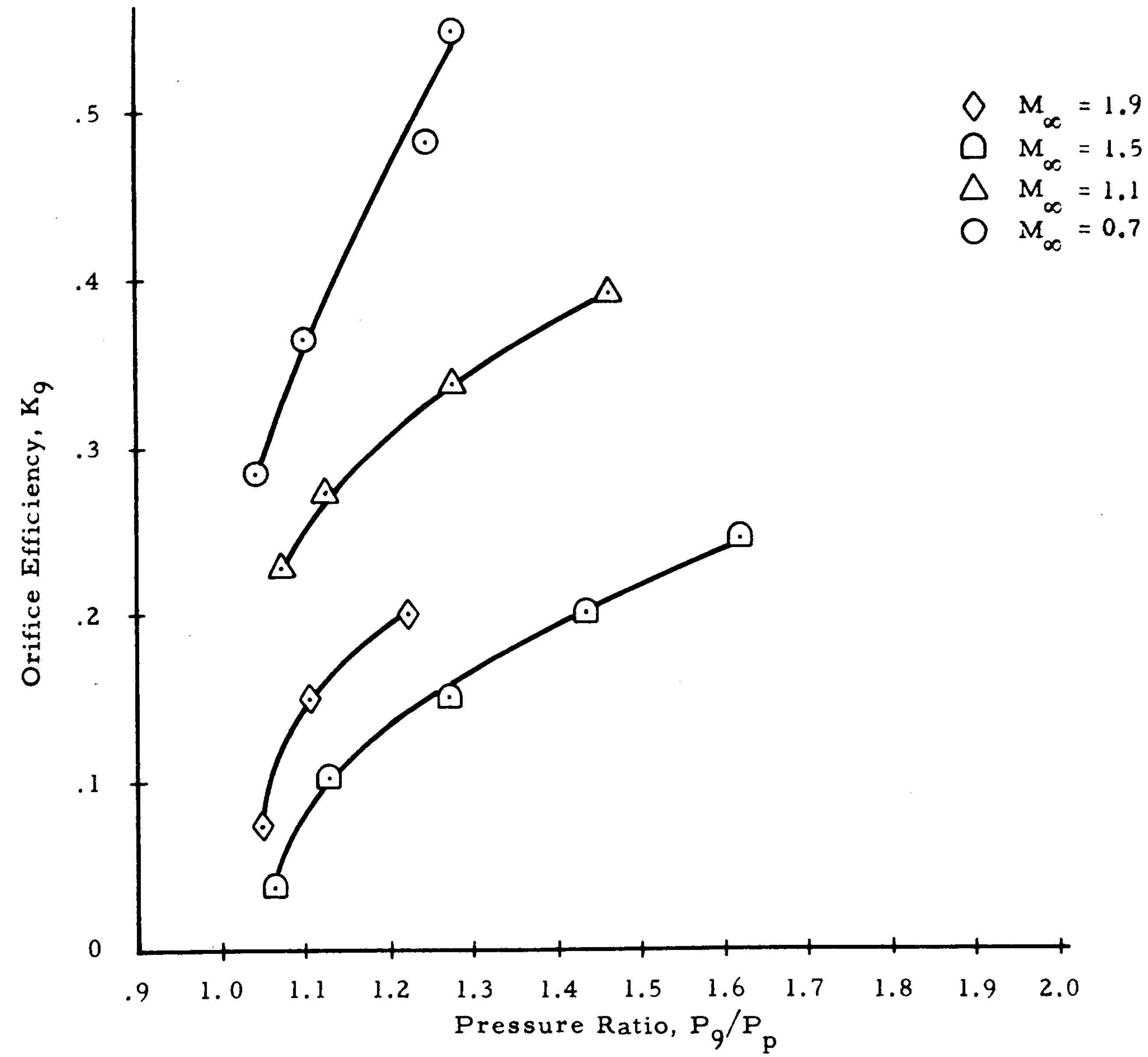

Fig. D-5 - Orifice Efficiency vs Pressure Ratio for Configuration 1 and Plate Position 1.75 Inches for Various Mach Numbers

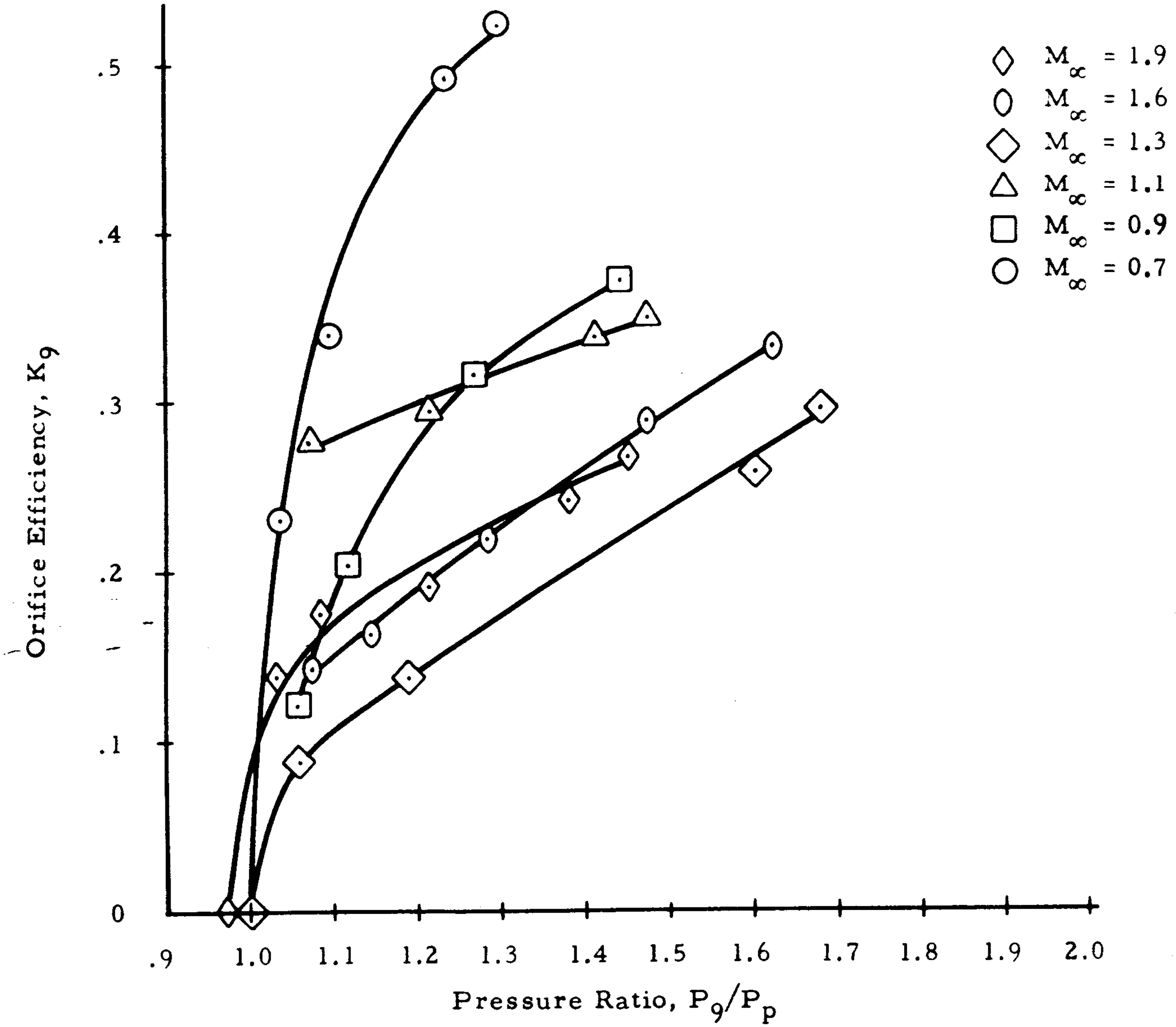

Fig. D-6 - Orifice Efficiency vs Pressure Ratio for Configuration 1 and Plate Position 5.85 Inches for Various Mach Numbers

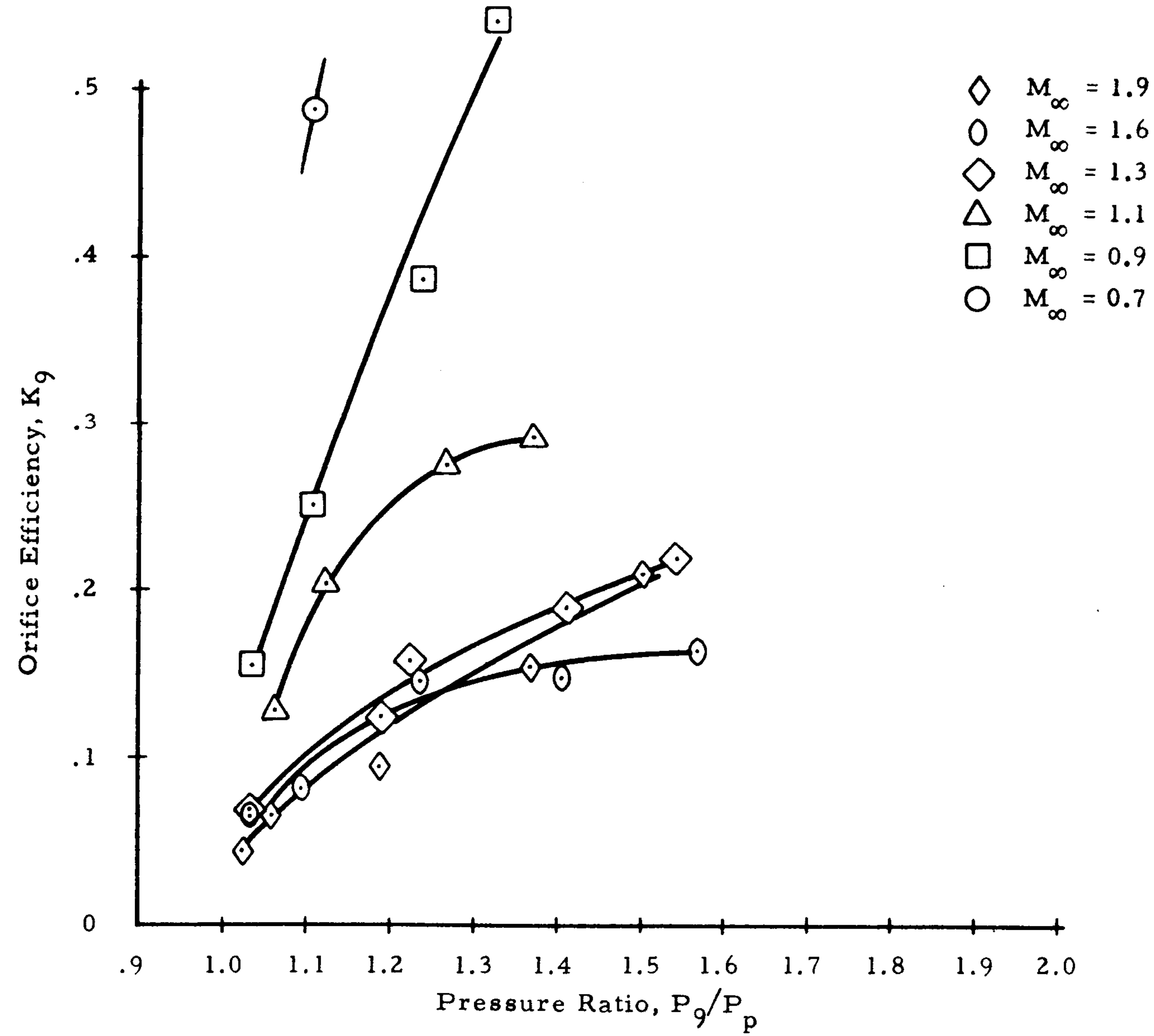

Fig. D-7 - Orifice Efficiency vs Pressure Ratio for Configuration 4 and Plate Position 0.0 Inches for Various Mach Numbers

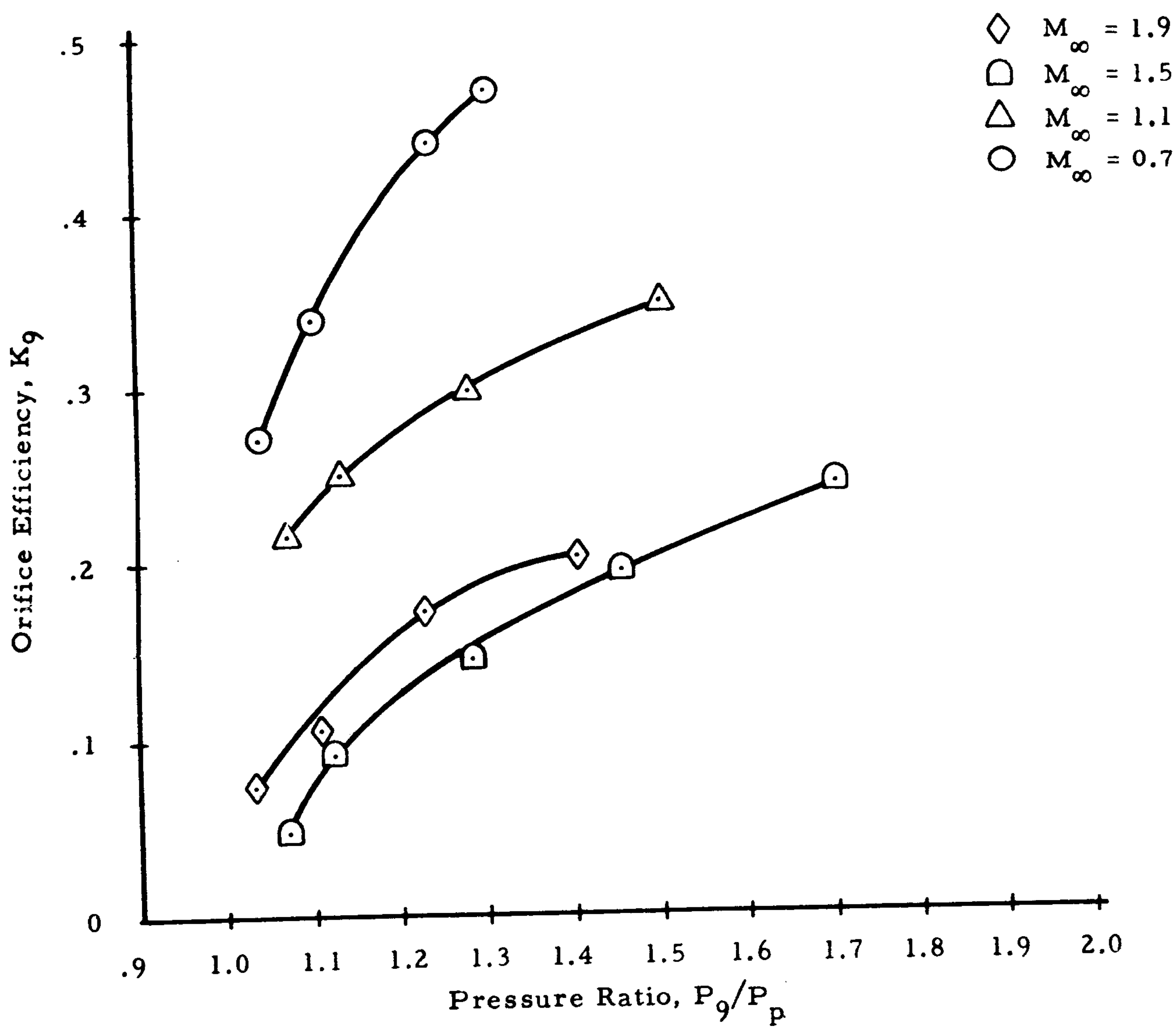

Fig. D-8 - Orifice Efficiency vs Pressure Ratio for Configuration 4 and Plate Position 1.75 Inches for Various Mach Numbers

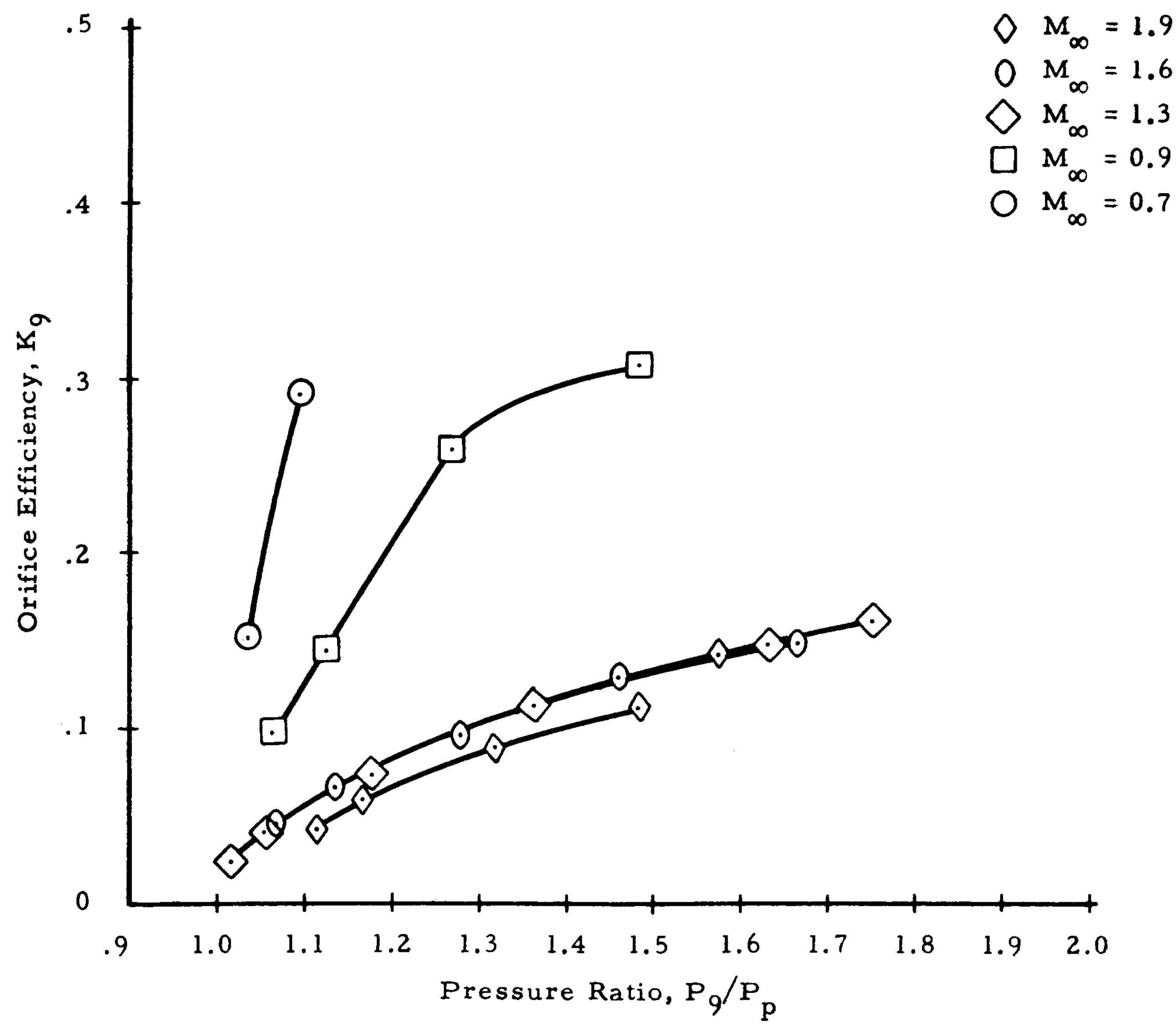

Fig. D-9 - Orifice Efficiency vs Pressure Ratio for Configuration 4 and Plate Position 5.85 Inches for Various Mach Numbers

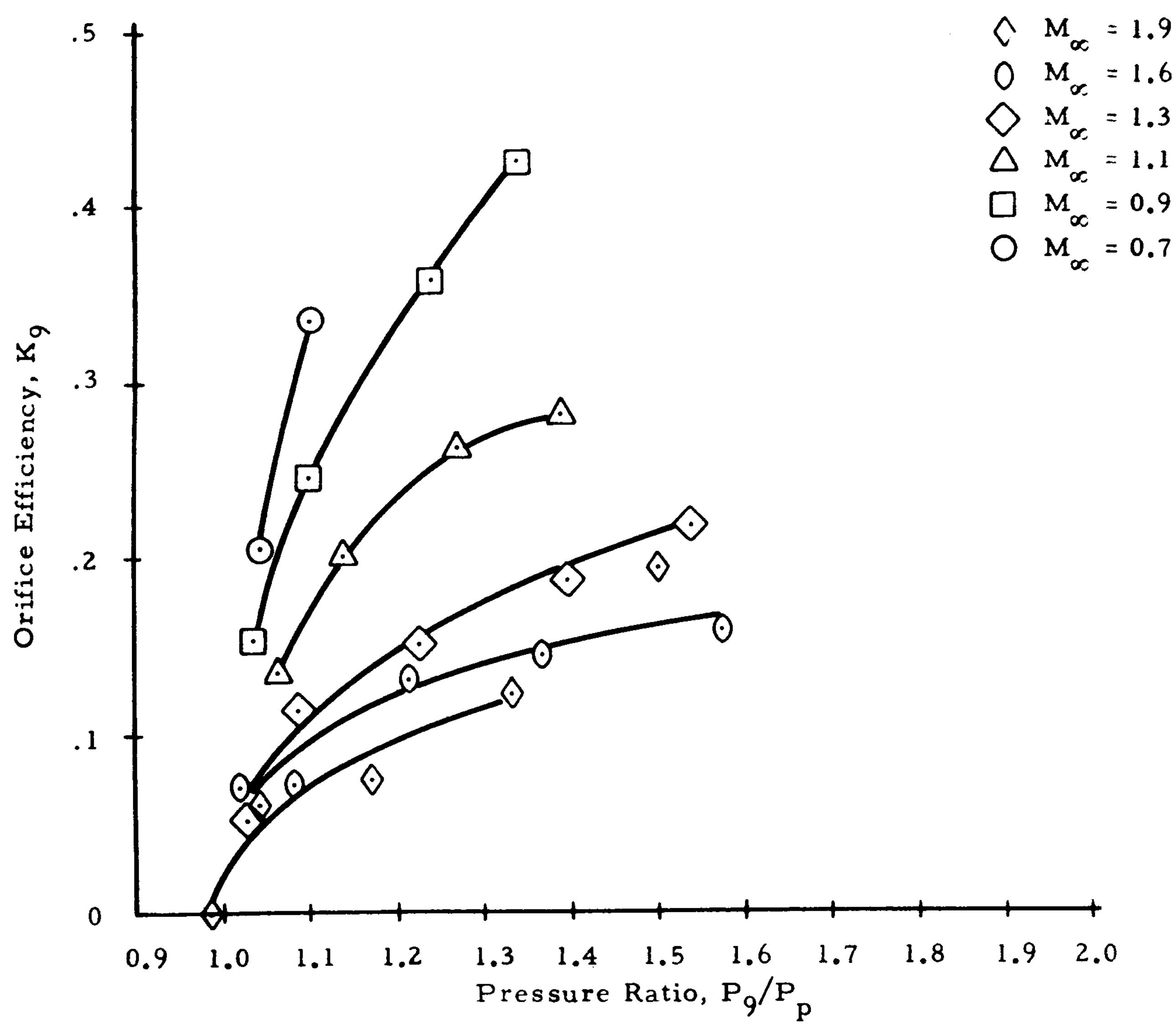

Fig. D-10 - Orifice Efficiency vs Pressure Ratio for Configuration 10 and Plate Position 0.0 Inches for Various Mach Numbers

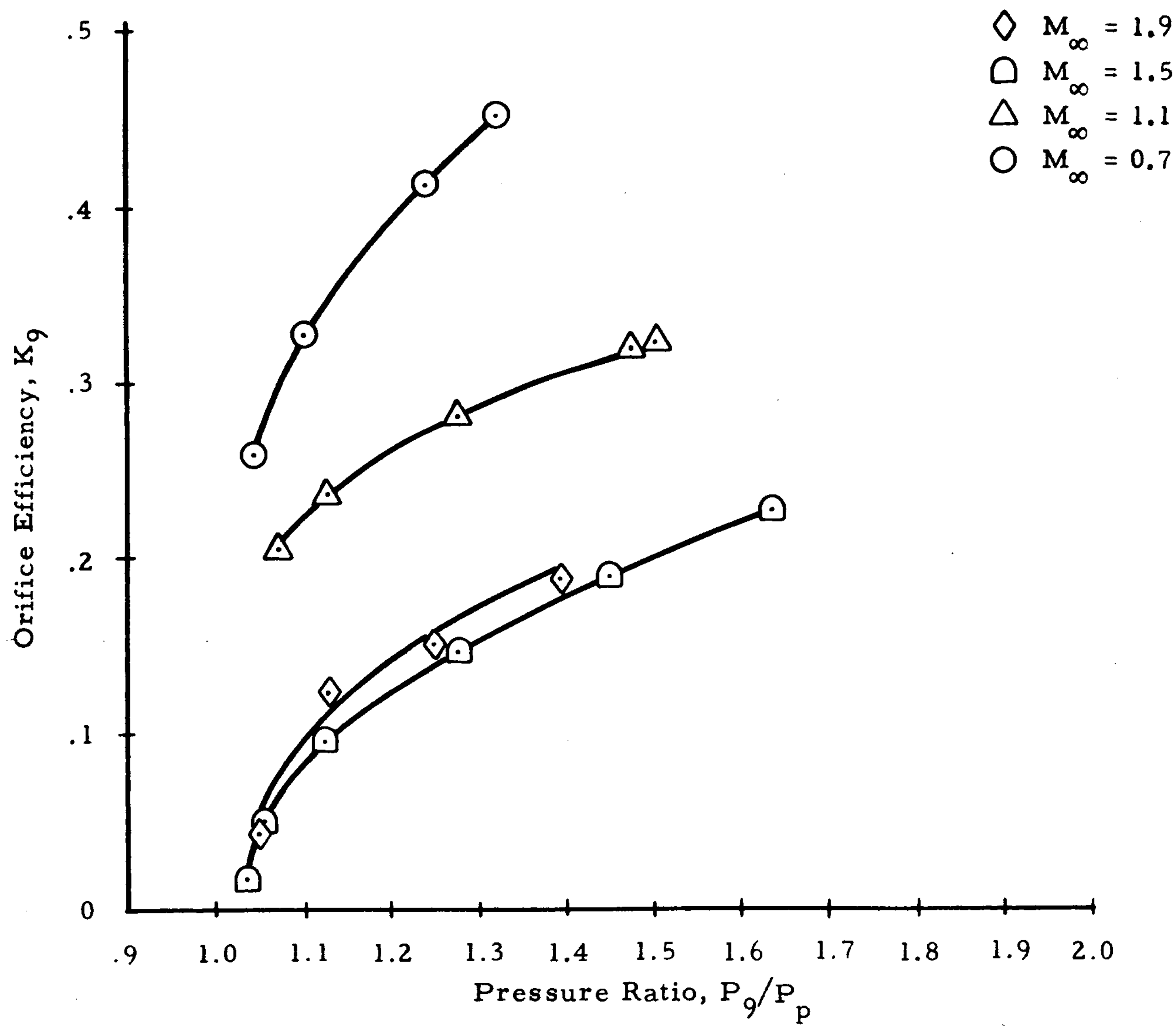

Fig. D-11 - Orifice Efficiency vs Pressure Ratio for Configuration 10 and Plate Position 1.75 Inches for Various Mach Numbers

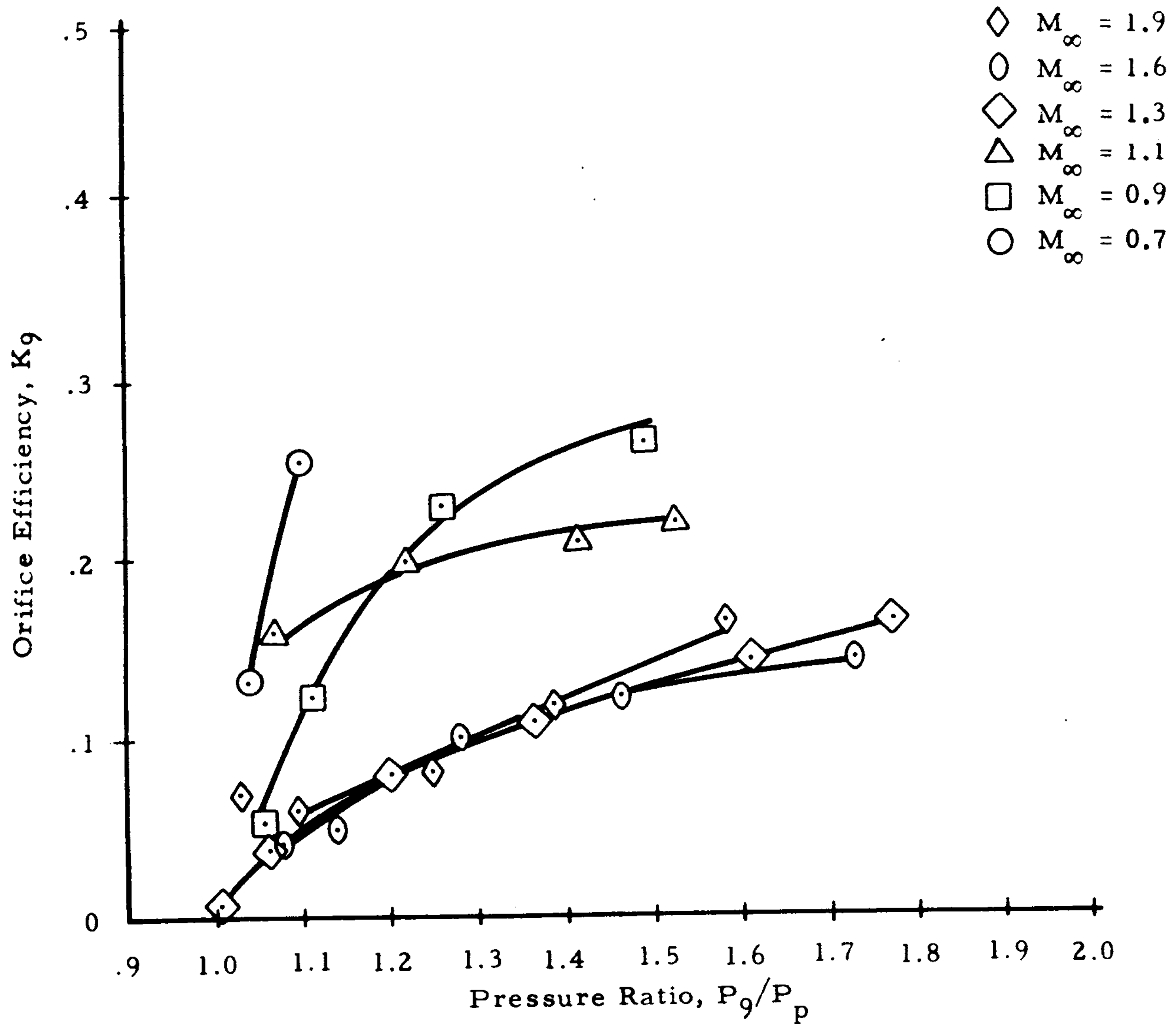

Fig. D-12 - Orifice Efficiency vs Pressure Ratio for Configuration 10 and Plate Position 5.85 Inches for Various Mach Numbers

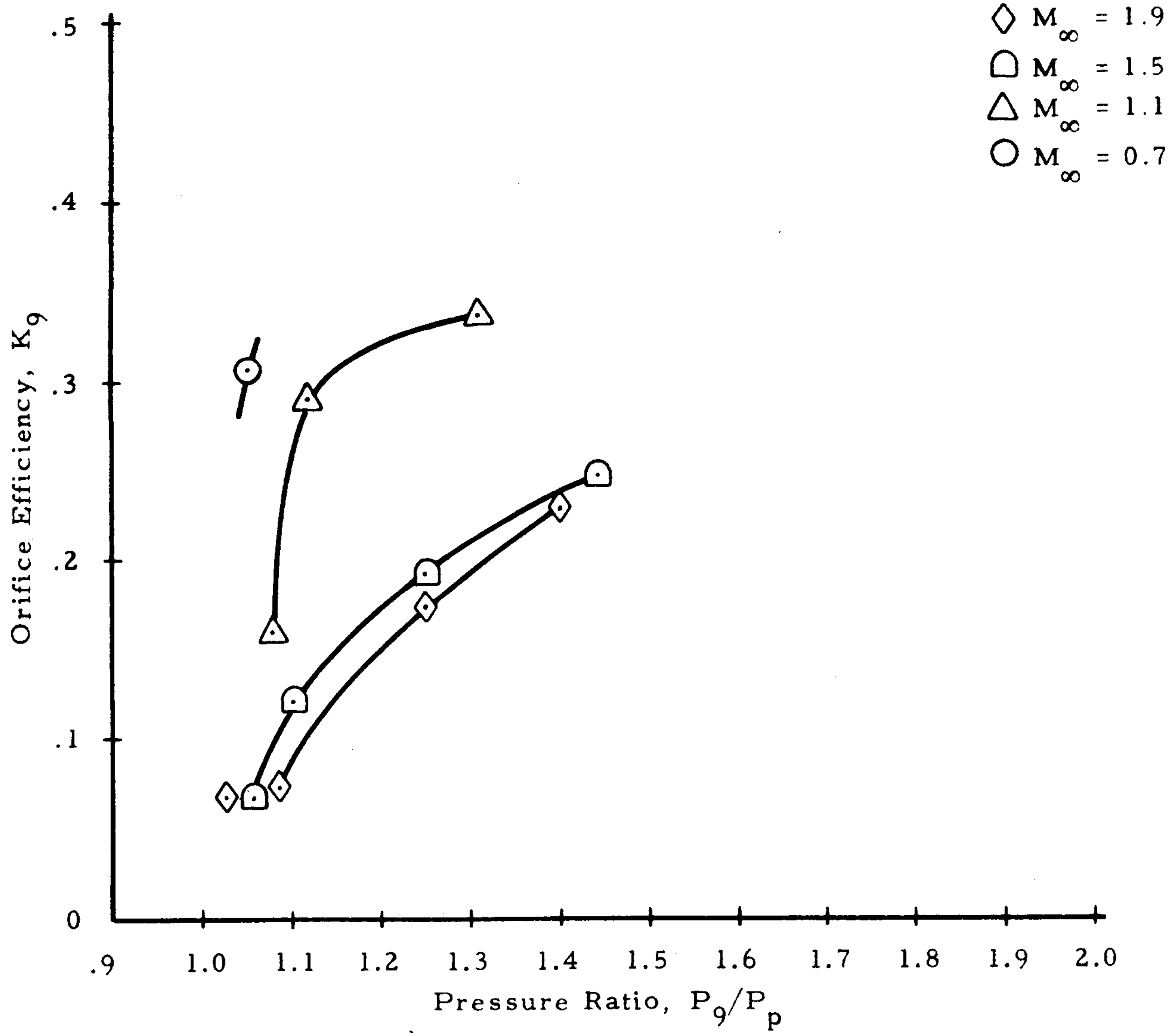

Fig. D-13 - Orifice Efficiency vs Pressure Ratio for Configuration 3 and Plate Position 0.0 Inches for Various Mach Numbers

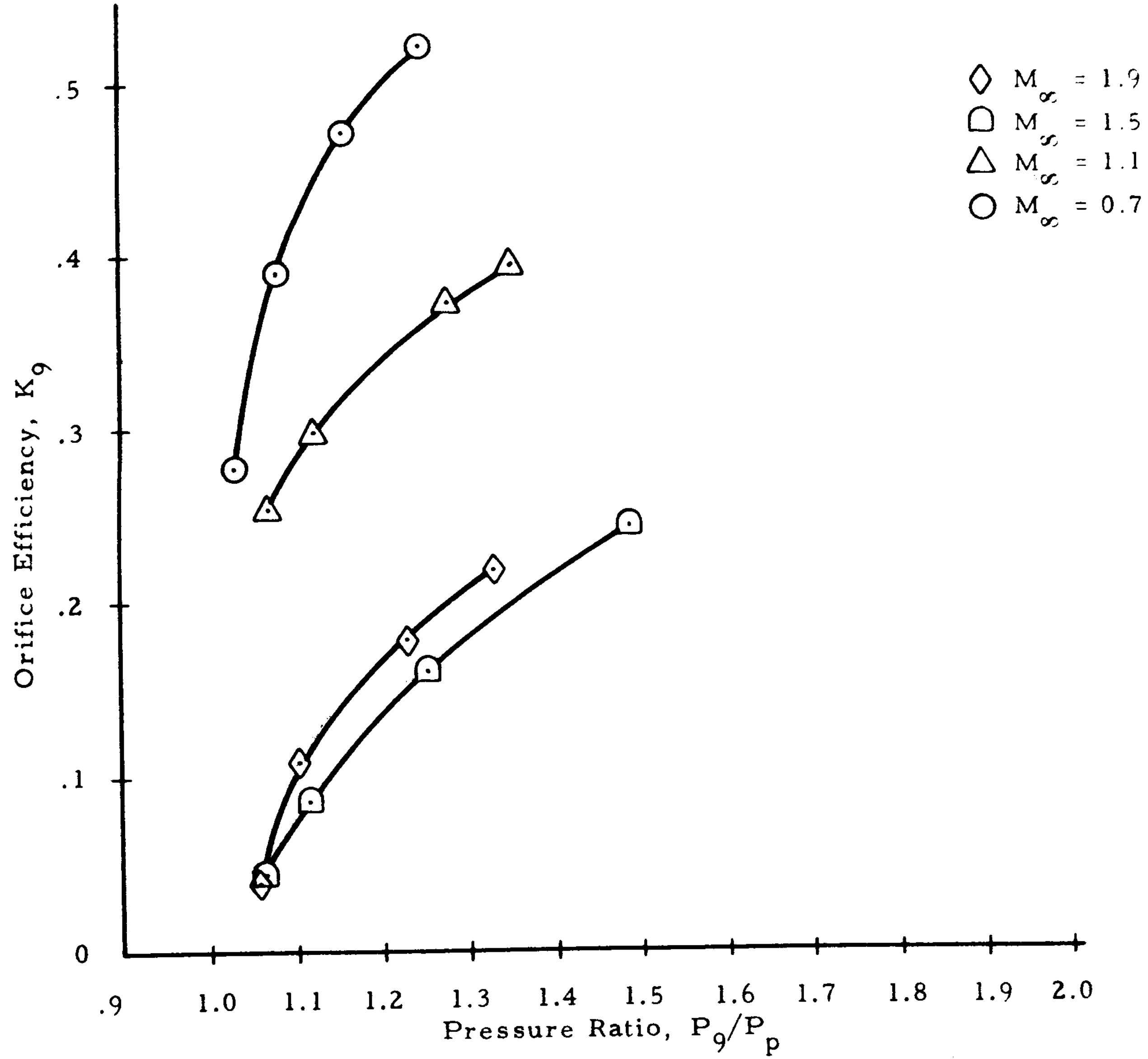

Fig. D-14 - Orifice Efficiency vs Pressure Ratio for Configuration 3 and Plate Position 1.75 Inches for Various Mach Numbers

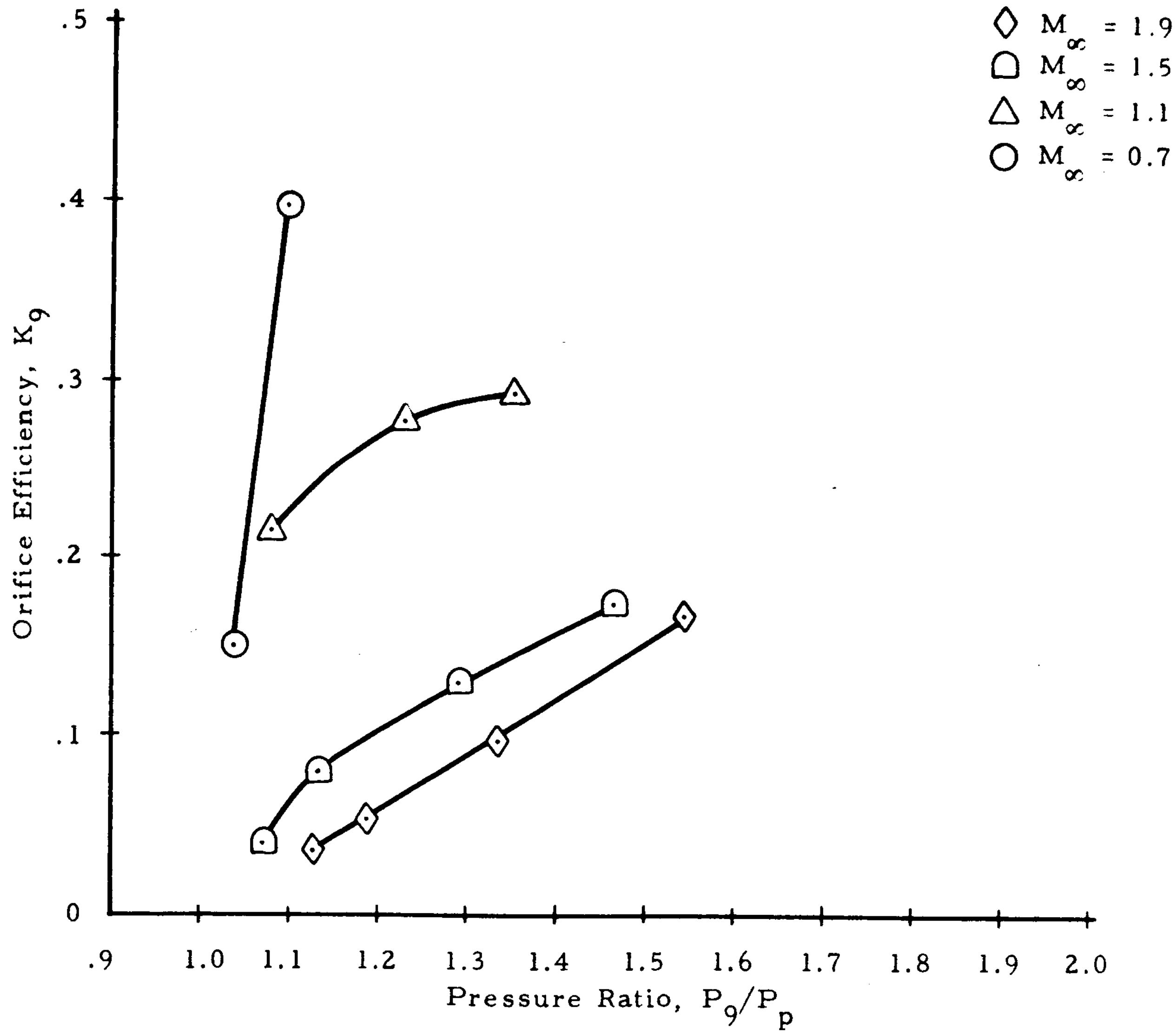

Fig. D-15 - Orifice Efficiency vs Pressure Ratio for Configuration 3 and Plate Position 5.85 Inches for Various Mach Numbers

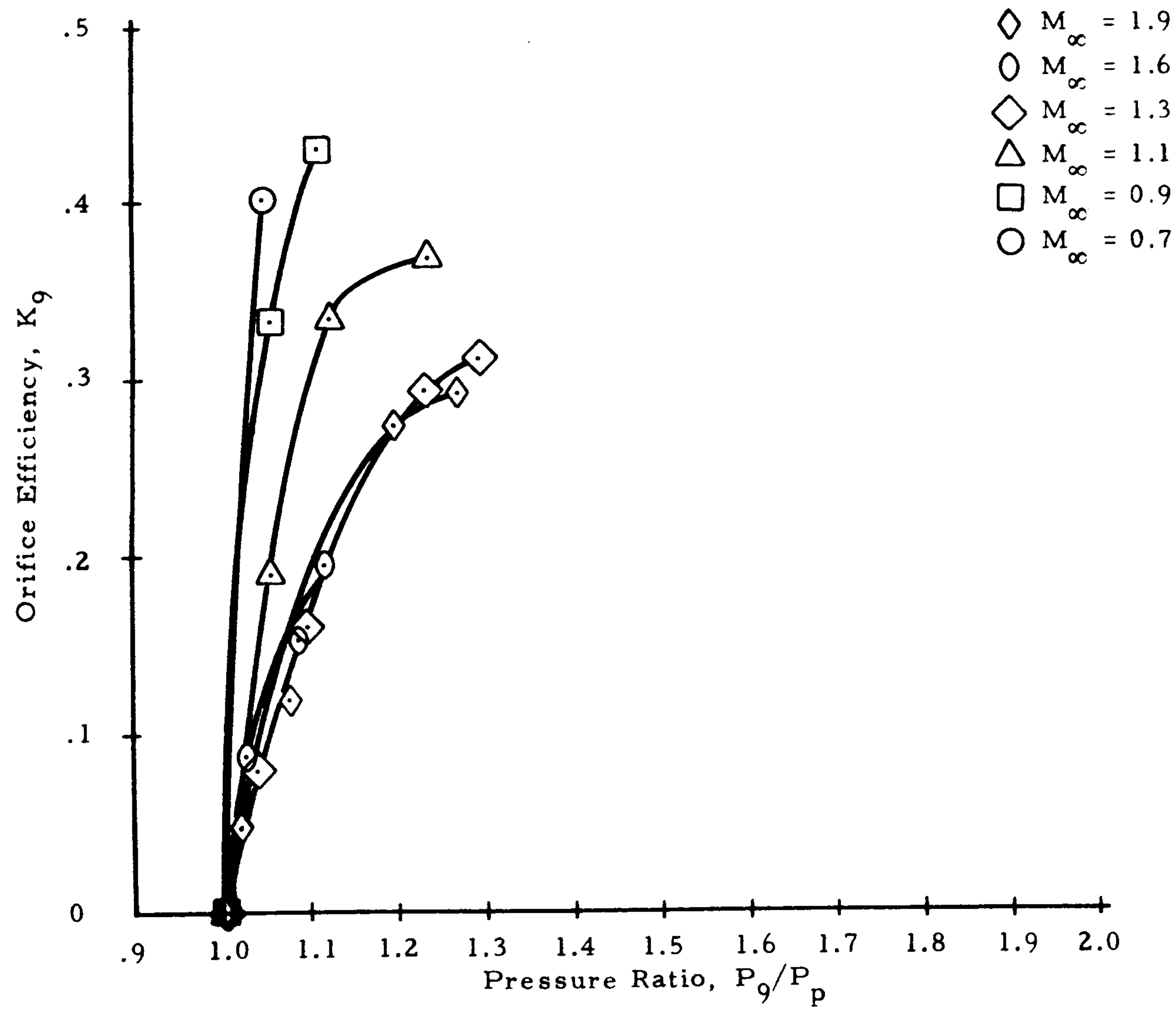

Fig. D-16 - Orifice Efficiency vs Pressure Ratio for Configuration 2 and Plate Position 0.0 Inches for Various Mach Numbers

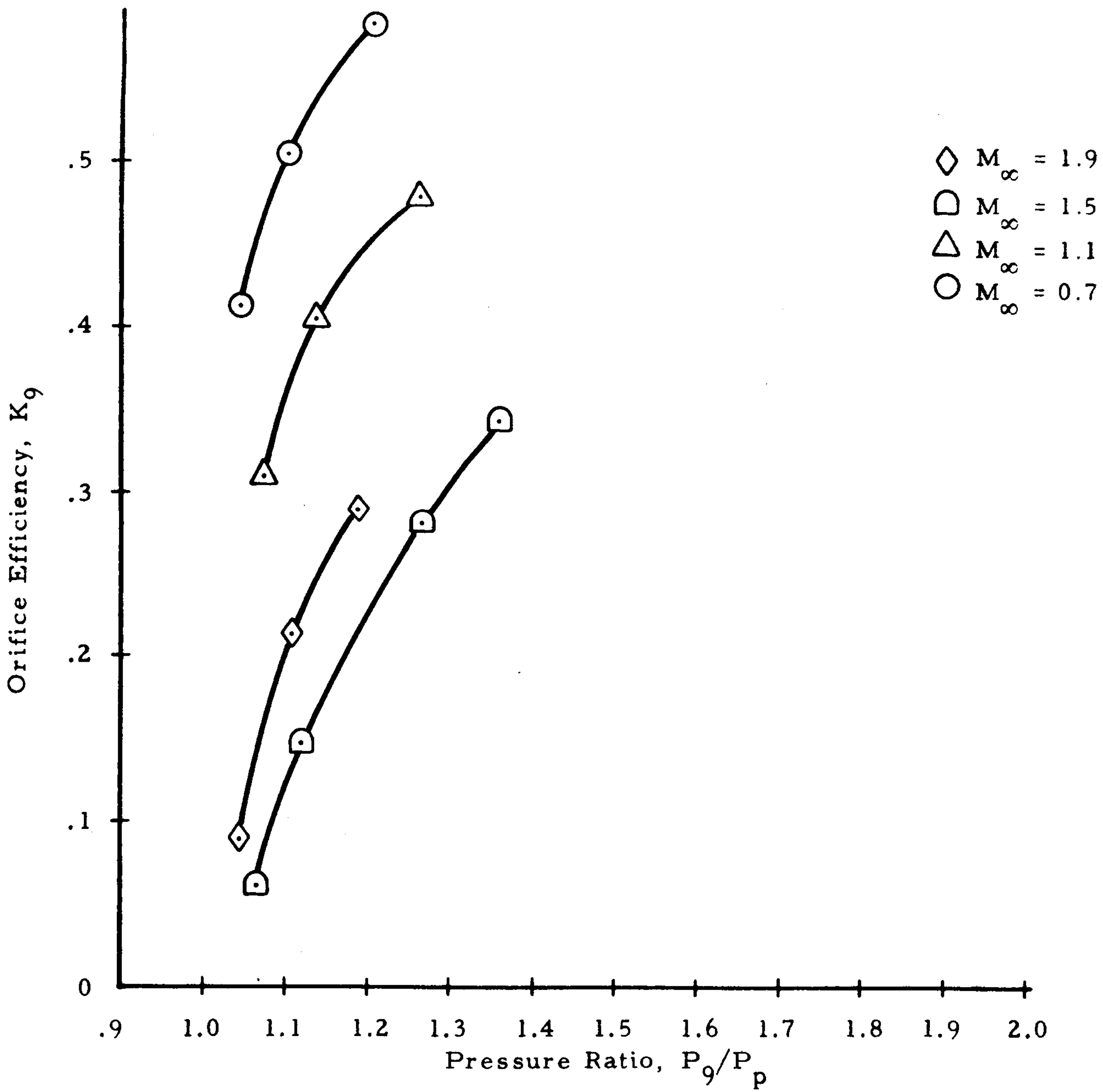

Fig. D-17 - Orifice Efficiency vs Pressure Ratio for Configuration 2 and Plate Position 1.75 Inches for Various Mach Numbers

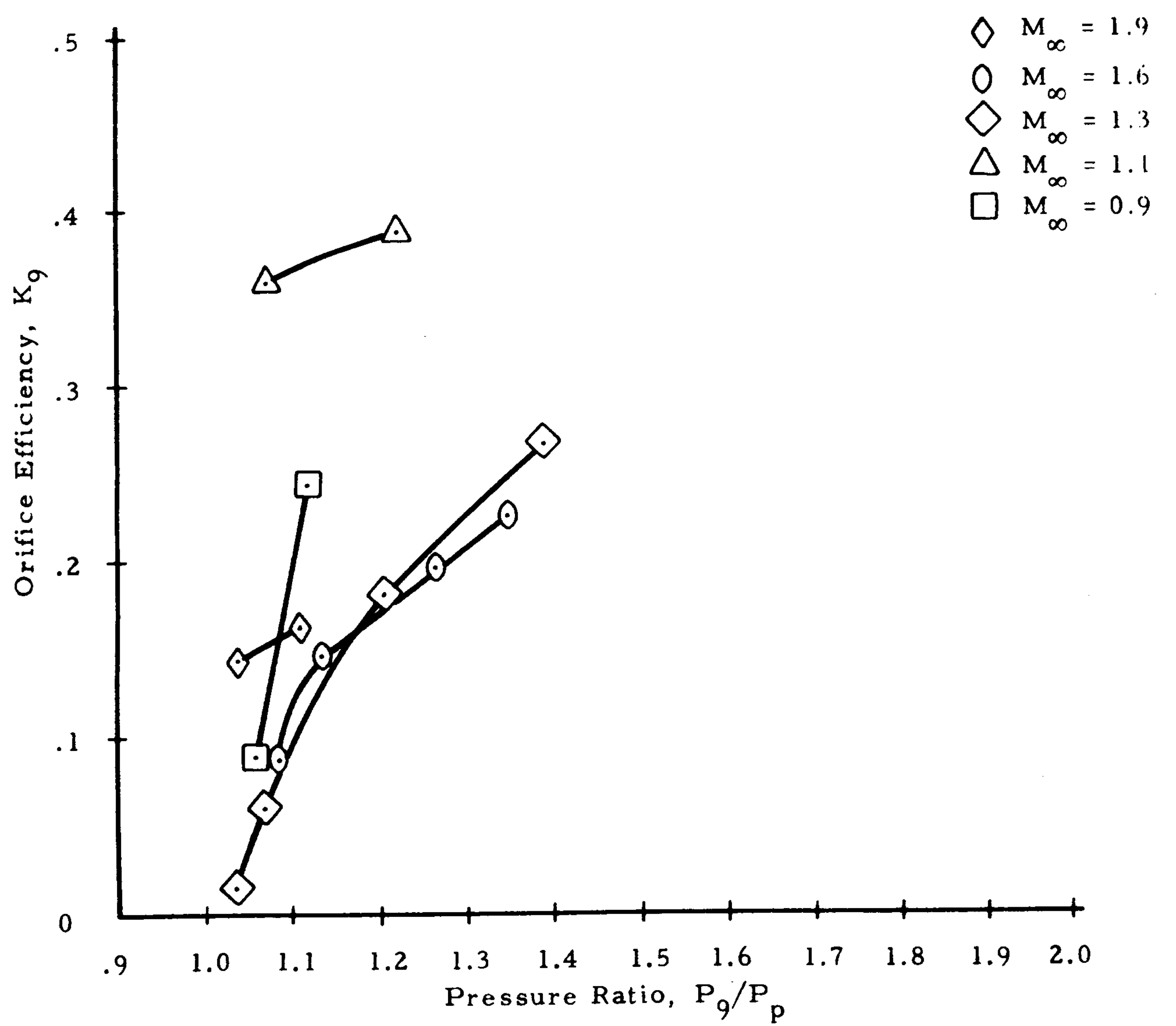

Fig. D-18 - Orifice Efficiency vs Pressure Ratio for Configuration 2 and Plate Position 5.85 Inches for Various Mach Numbers

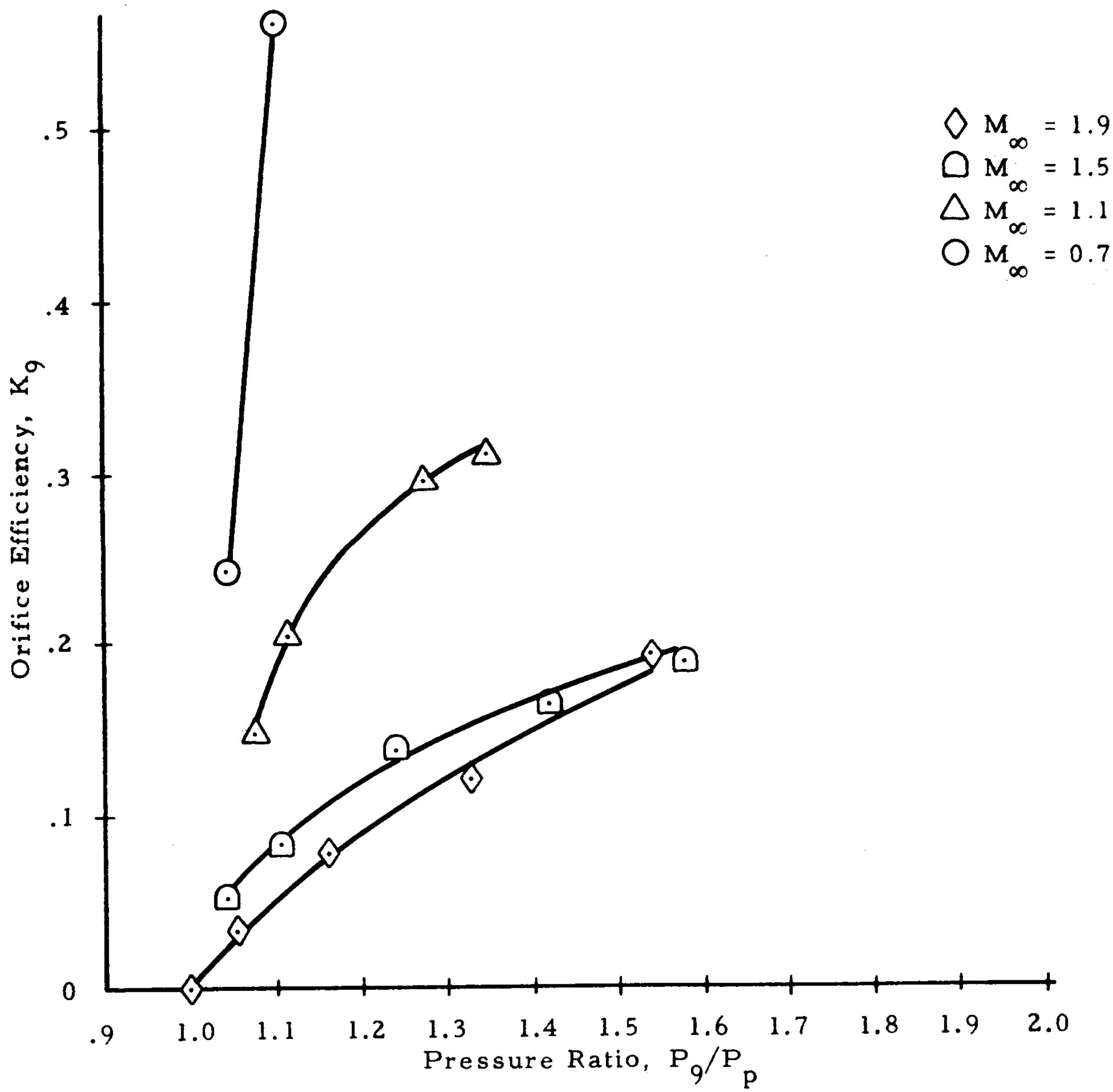

Fig. D-19 - Orifice Efficiency vs Pressure Ratio for Configuration 5 and Plate Position 0.0 Inches for Various Mach Numbers

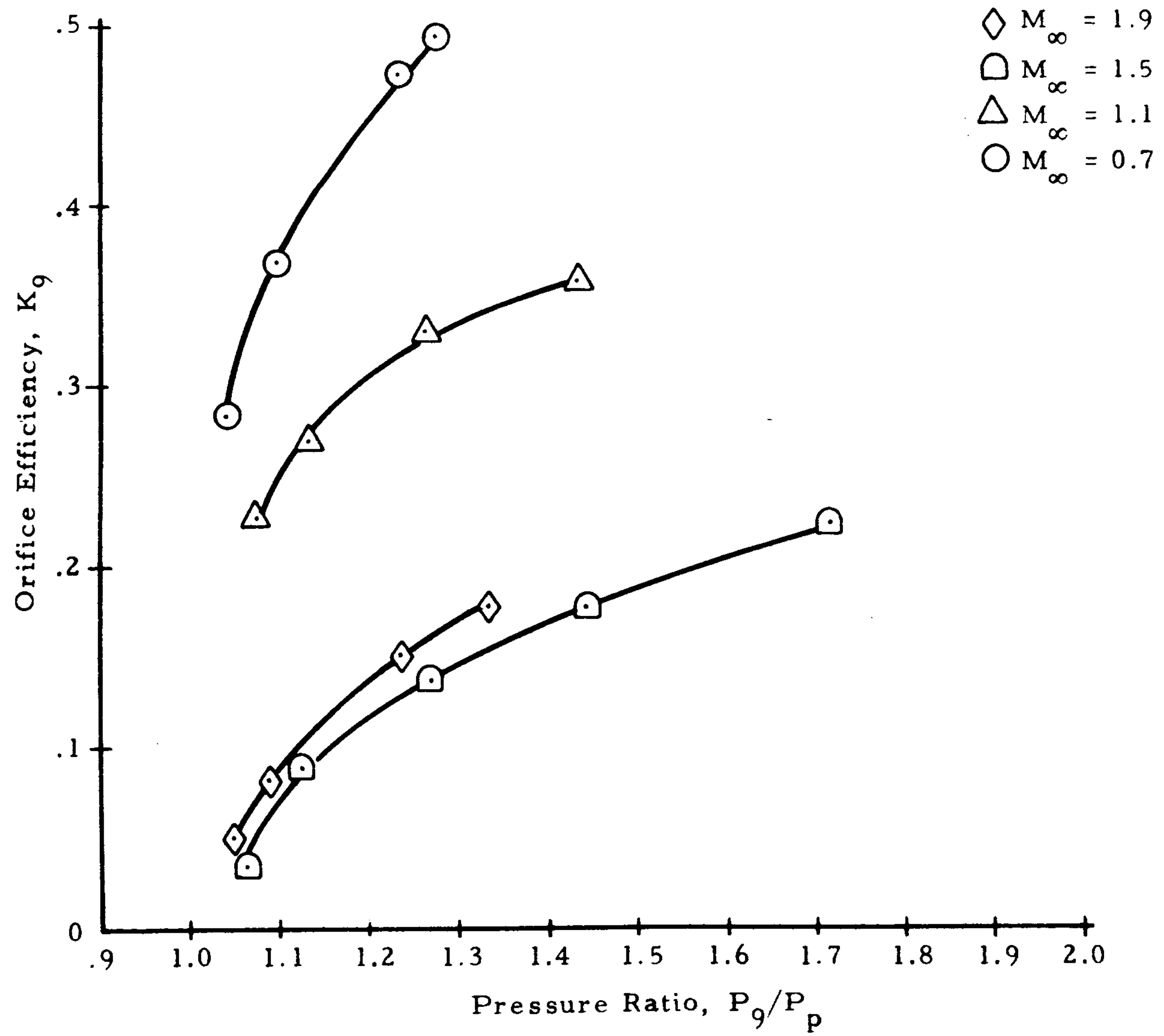

Fig. D-20 - Orifice Efficiency vs Pressure Ratio for Configuration 5 and Plate Position 1.75 Inches for Various Mach Numbers

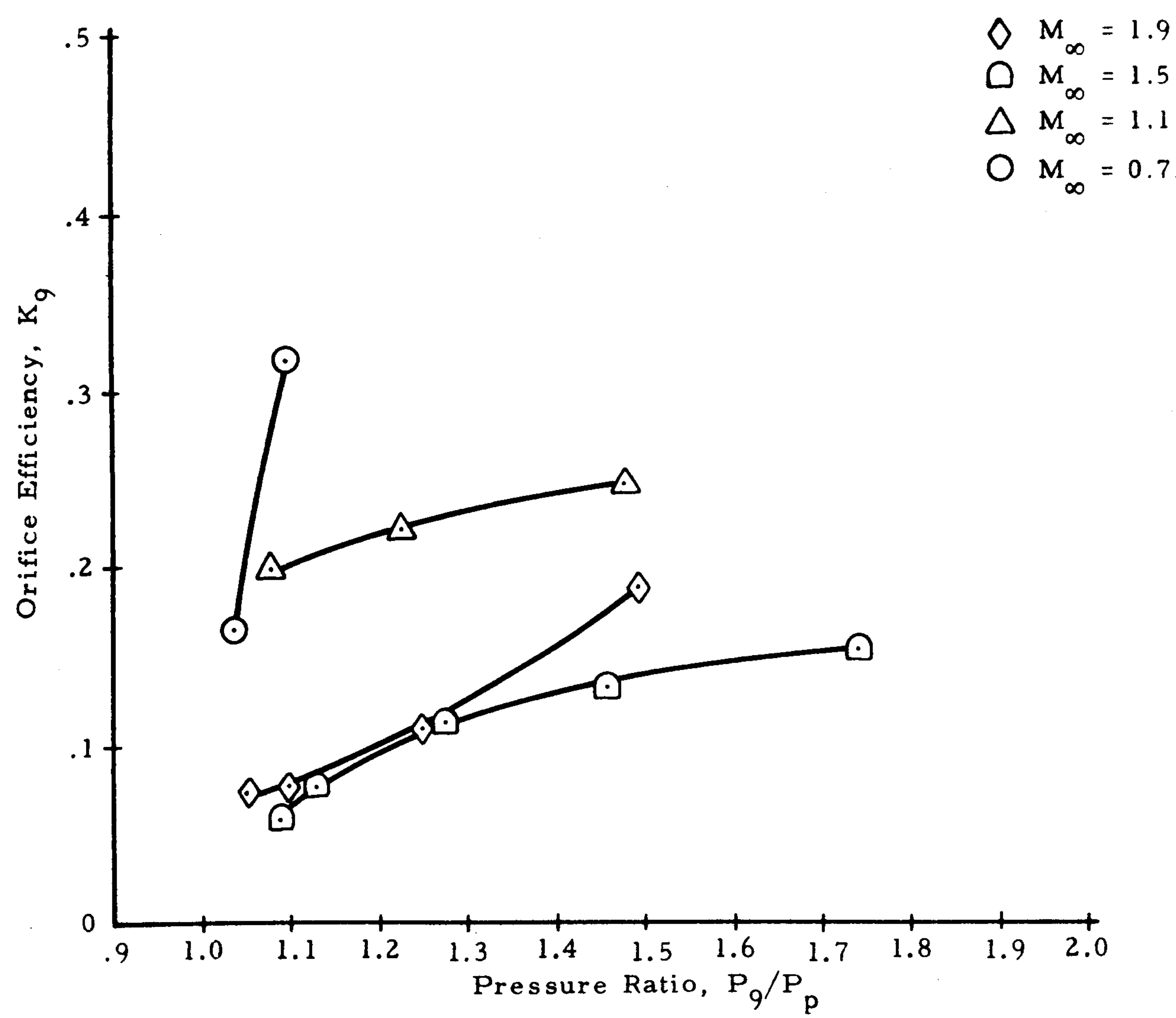

Fig. D-21 - Orifice Efficiency vs Pressure Ratio for Configuration 5 and Plate Position 5.85 Inches for Various Mach Numbers

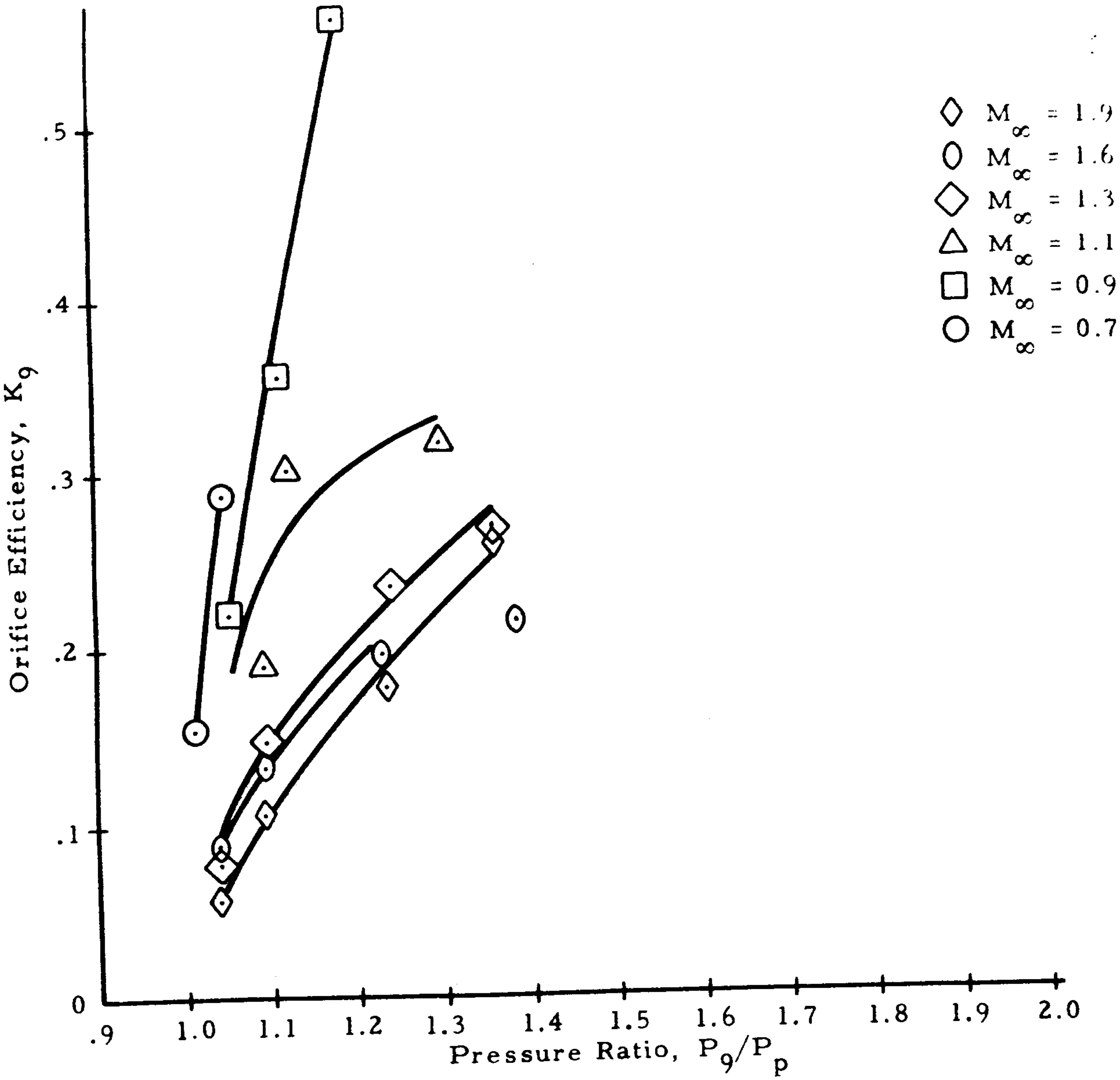

Fig. D-22 - Orifice Efficiency vs Pressure Ratio for Configuration 8 and Plate Position 0.0 Inches for Various Mach Numbers

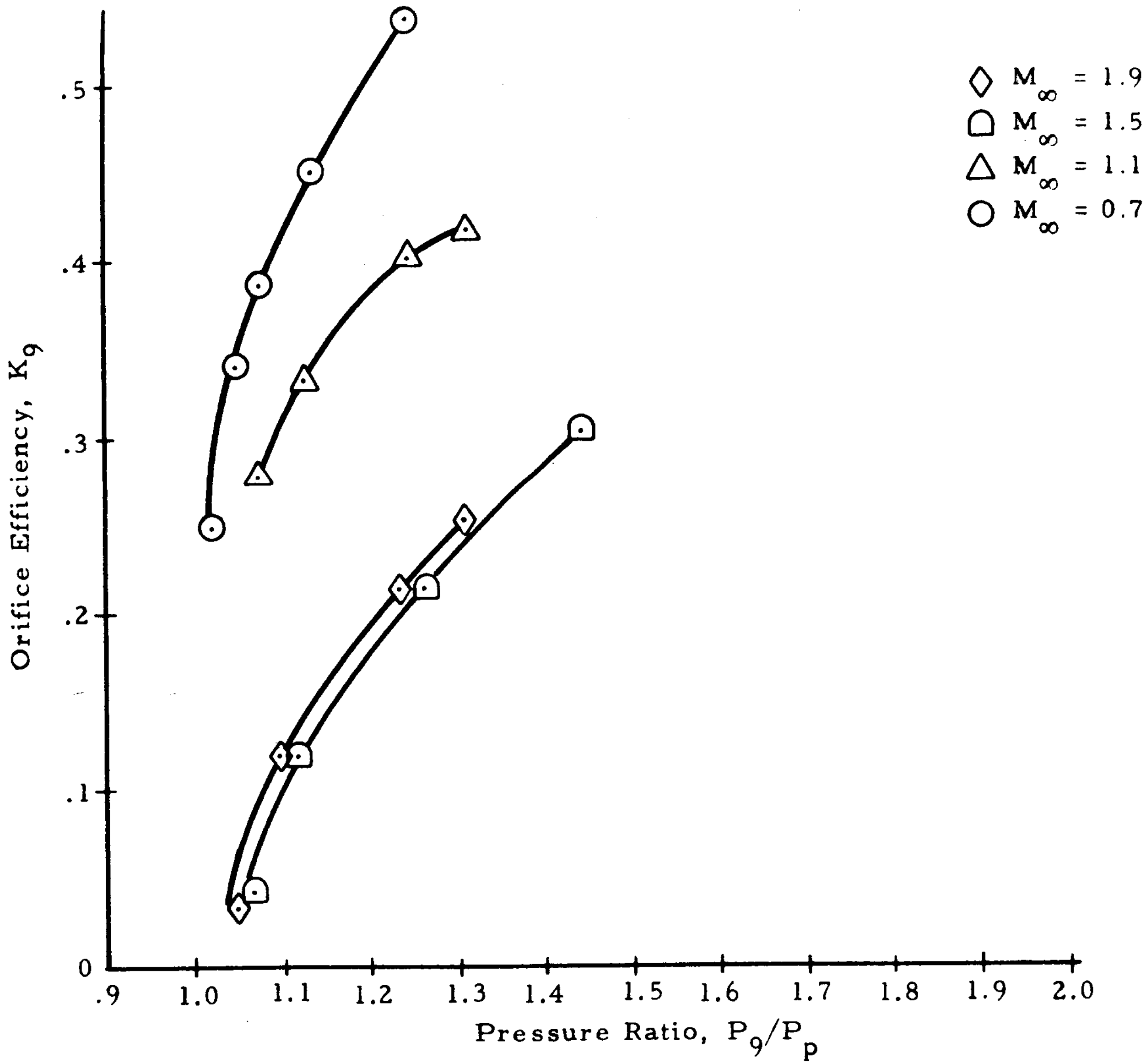

Fig. D-23 - Orifice Efficiency vs Pressure Ratio for Configuration 8 and Plate Position 1.75 Inches for Various Mach Numbers

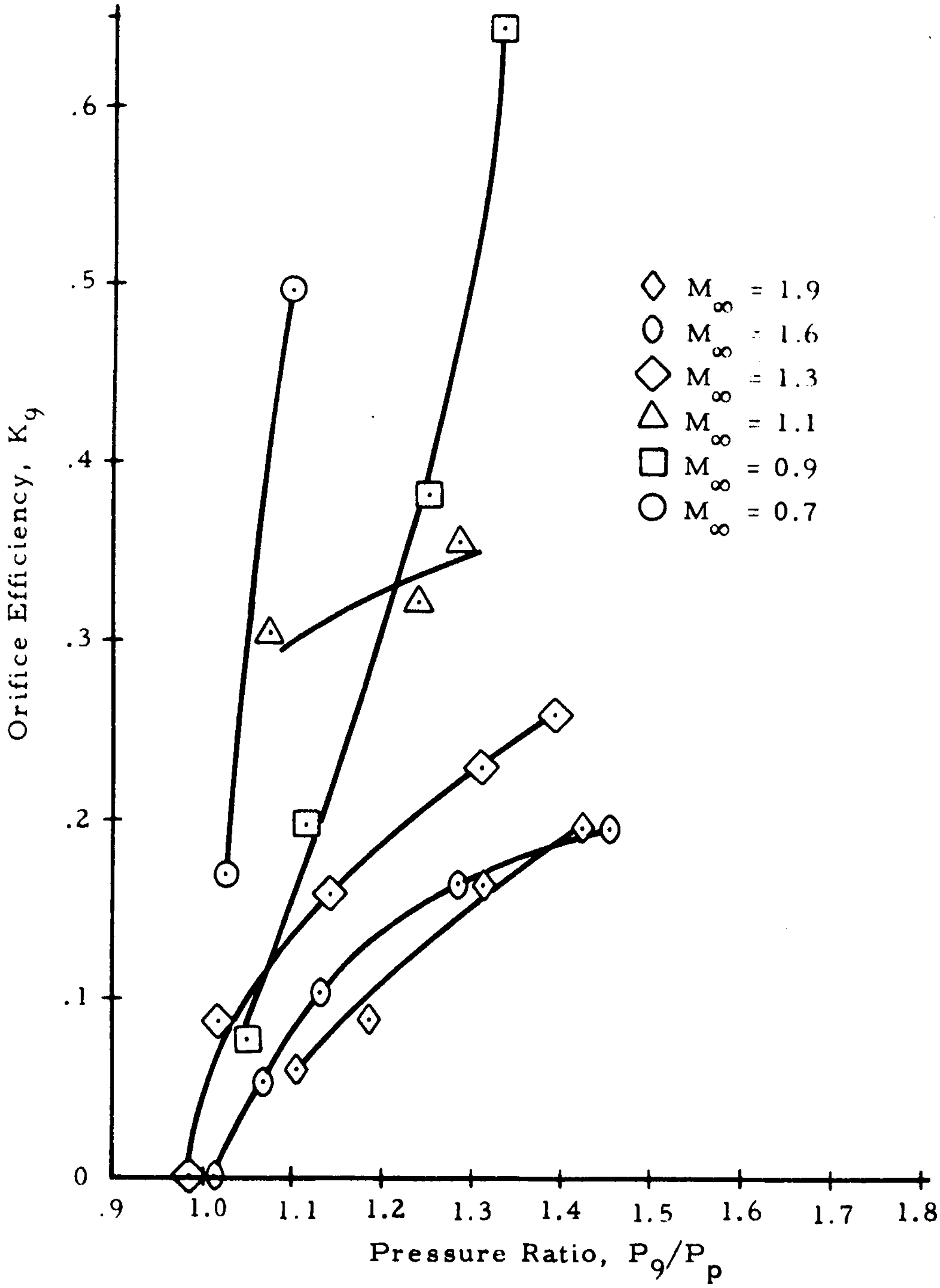

Fig. D-24 - Orifice Efficiency vs Pressure Ratio for Configuration 8 and Plate Position 5.85 Inches for Various Mach Numbers

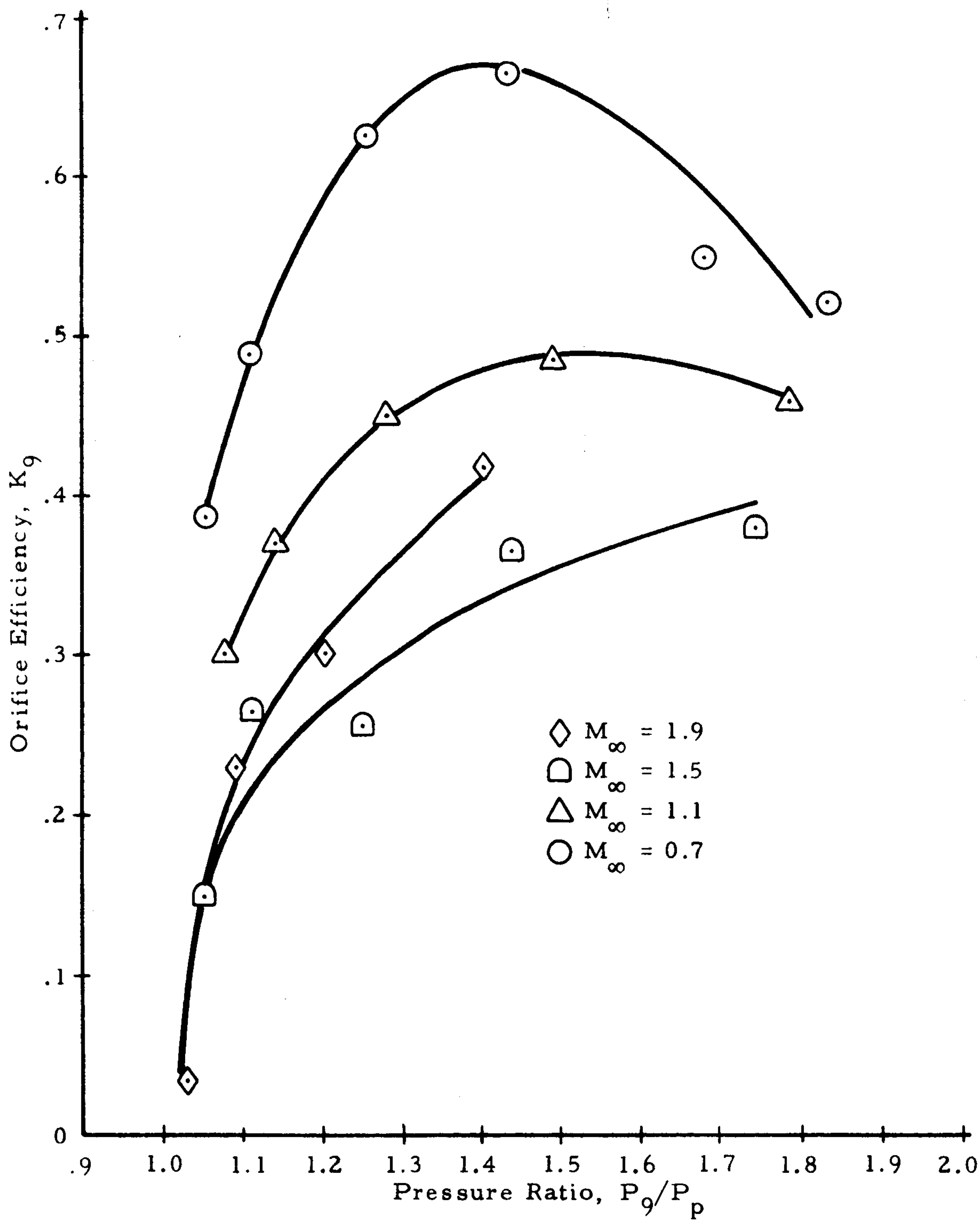

Fig. D-25 - Orifice Efficiency vs Pressure Ratio for Configuration 9 and Plate Position 0.0 Inches for Various Mach Numbers

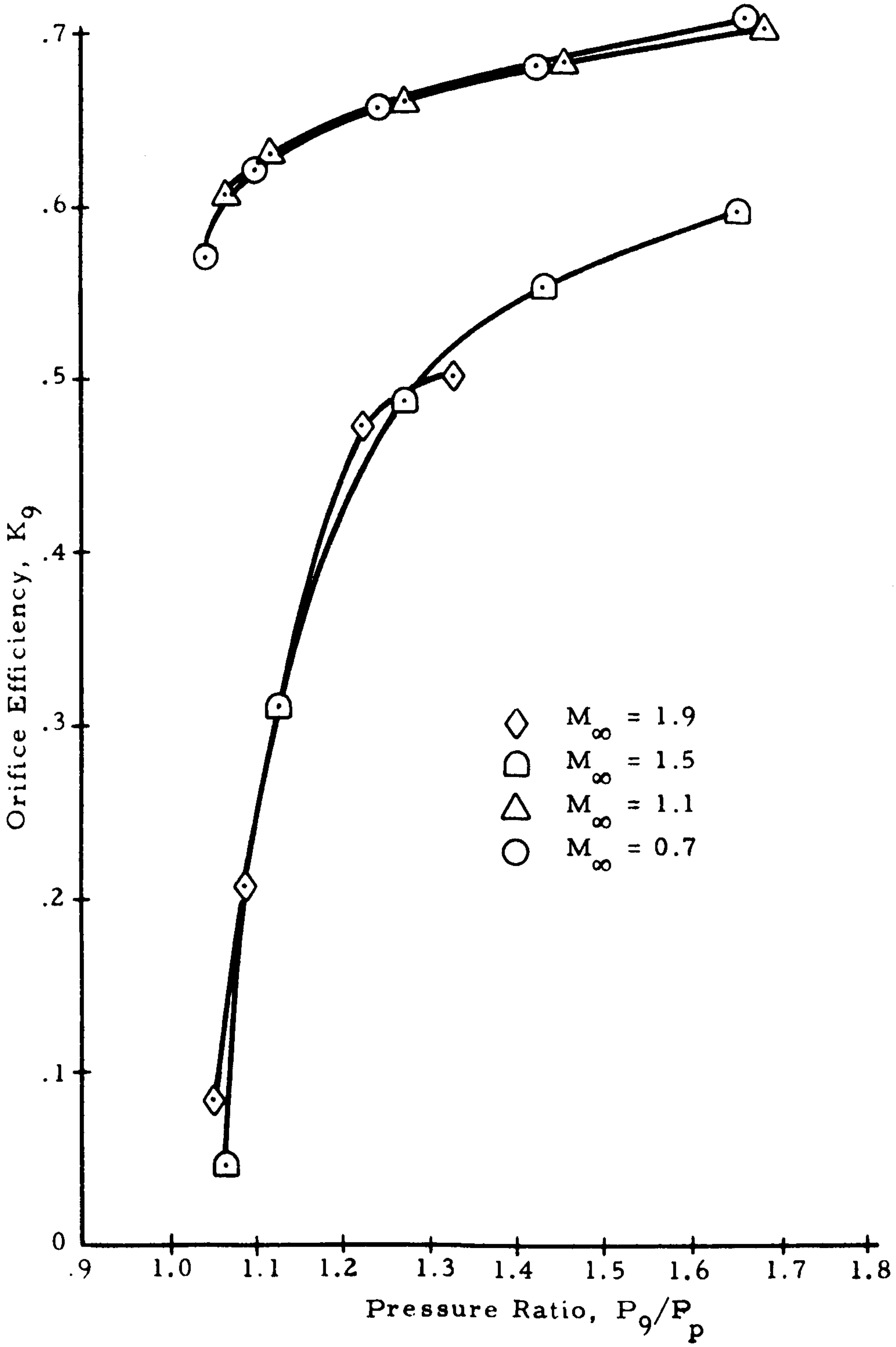

Fig. D-26 - Orifice Efficiency vs Pressure Ratio for Configuration 9 and Plate Position 1.75 Inches for Various Mach Numbers

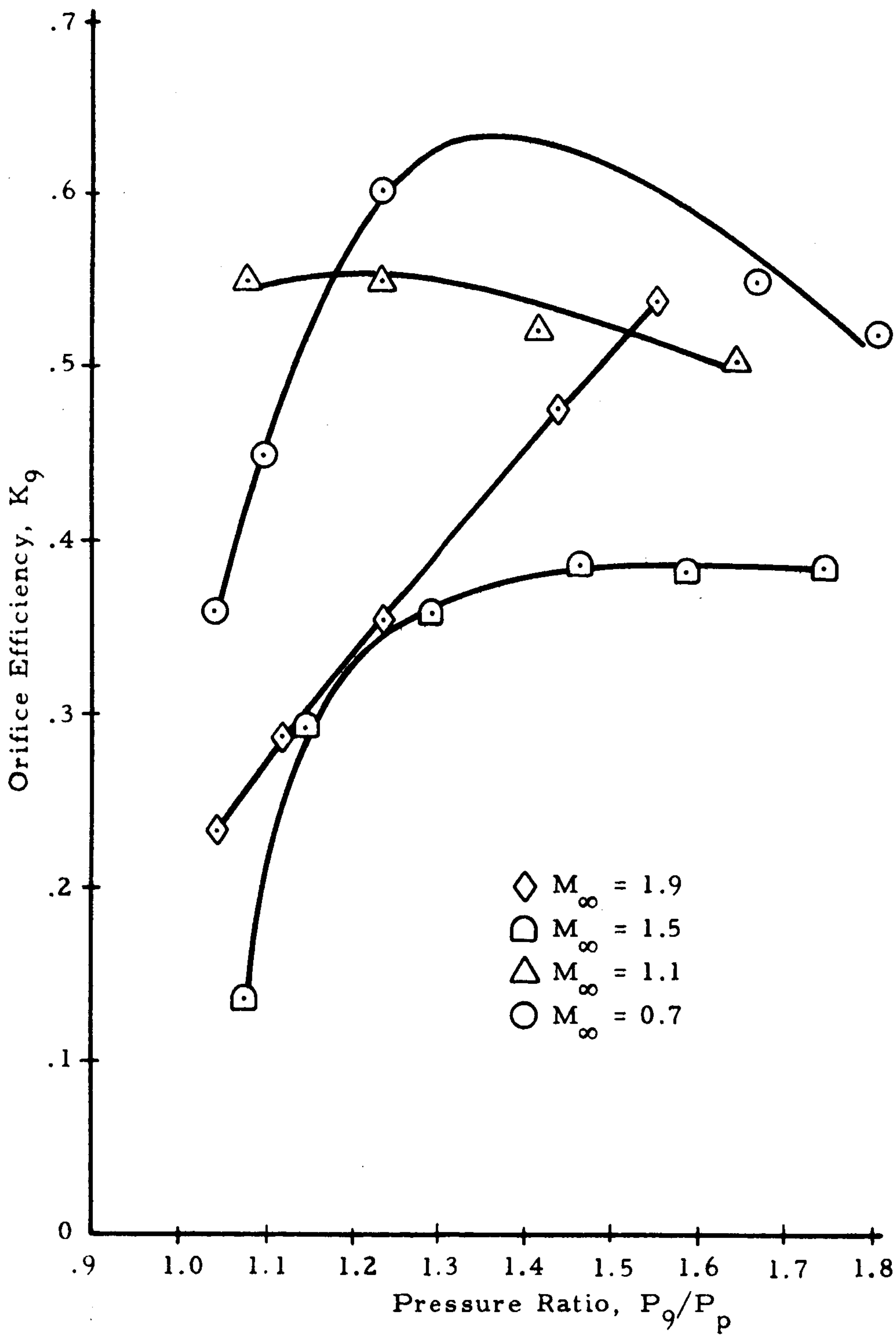

Fig. D-27 - Orifice Efficiency vs Pressure Ratio for Configuration 9 and Plate Position 5.85 Inches for Various Mach Numbers

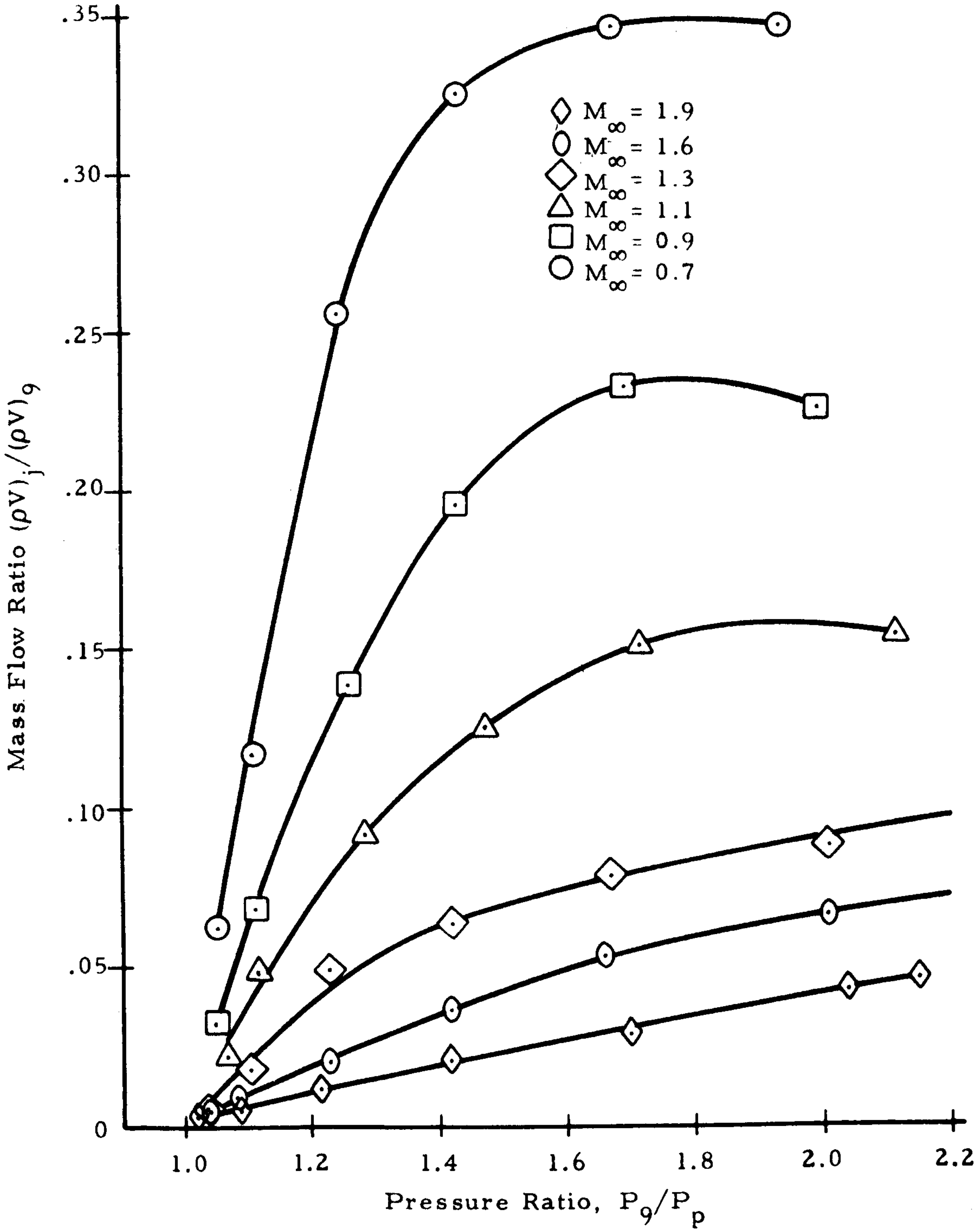

Fig. D-28 - Mass Flow Ratio vs Pressure Ratio for Configuration 11 and Plate Position 0.0 Inches for Various Mach Numbers

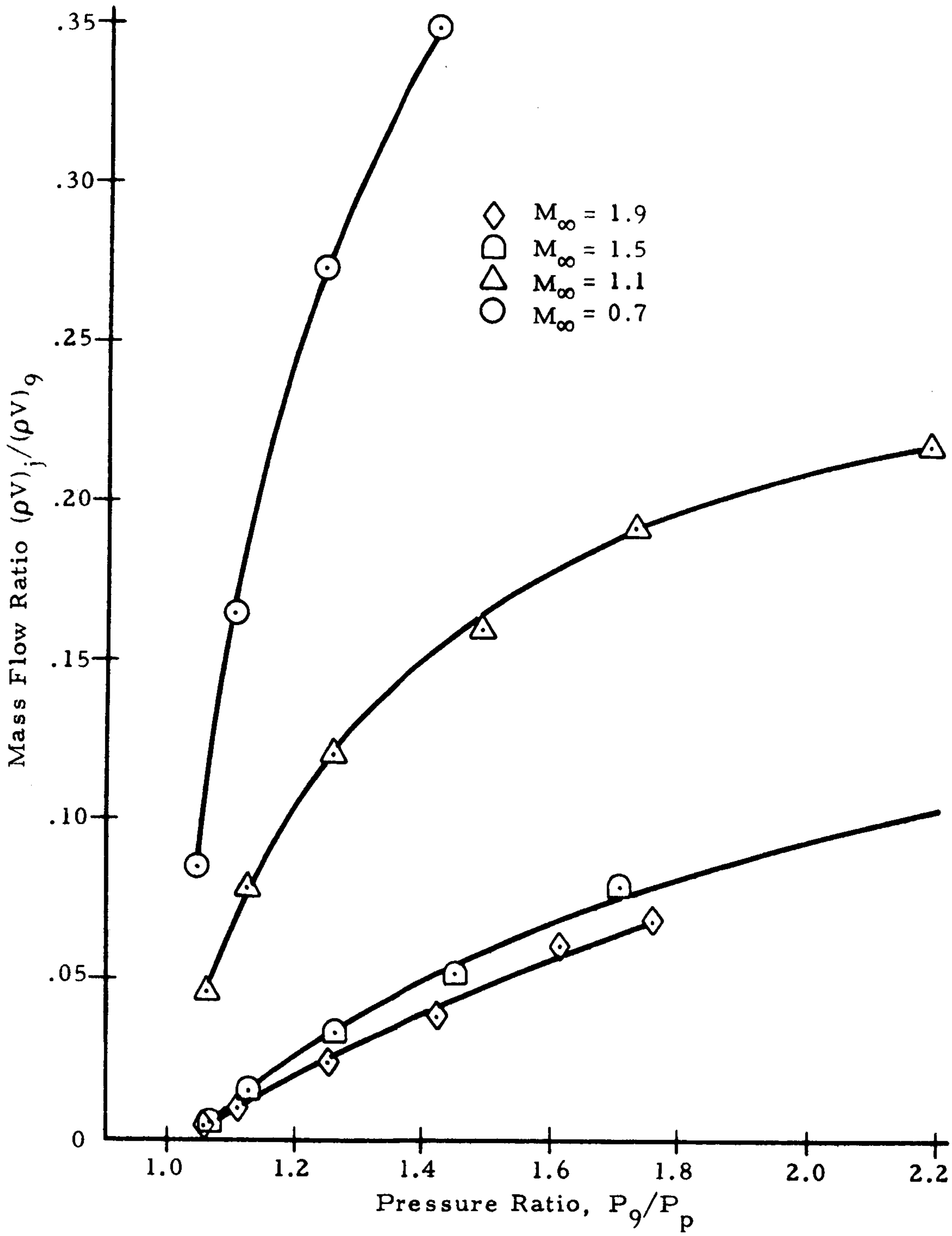

Fig. D-29 - Mass Flow Ratio vs Pressure Ratio for Configuration 11 and Plate Position 1.75 Inches for Various Mach Numbers

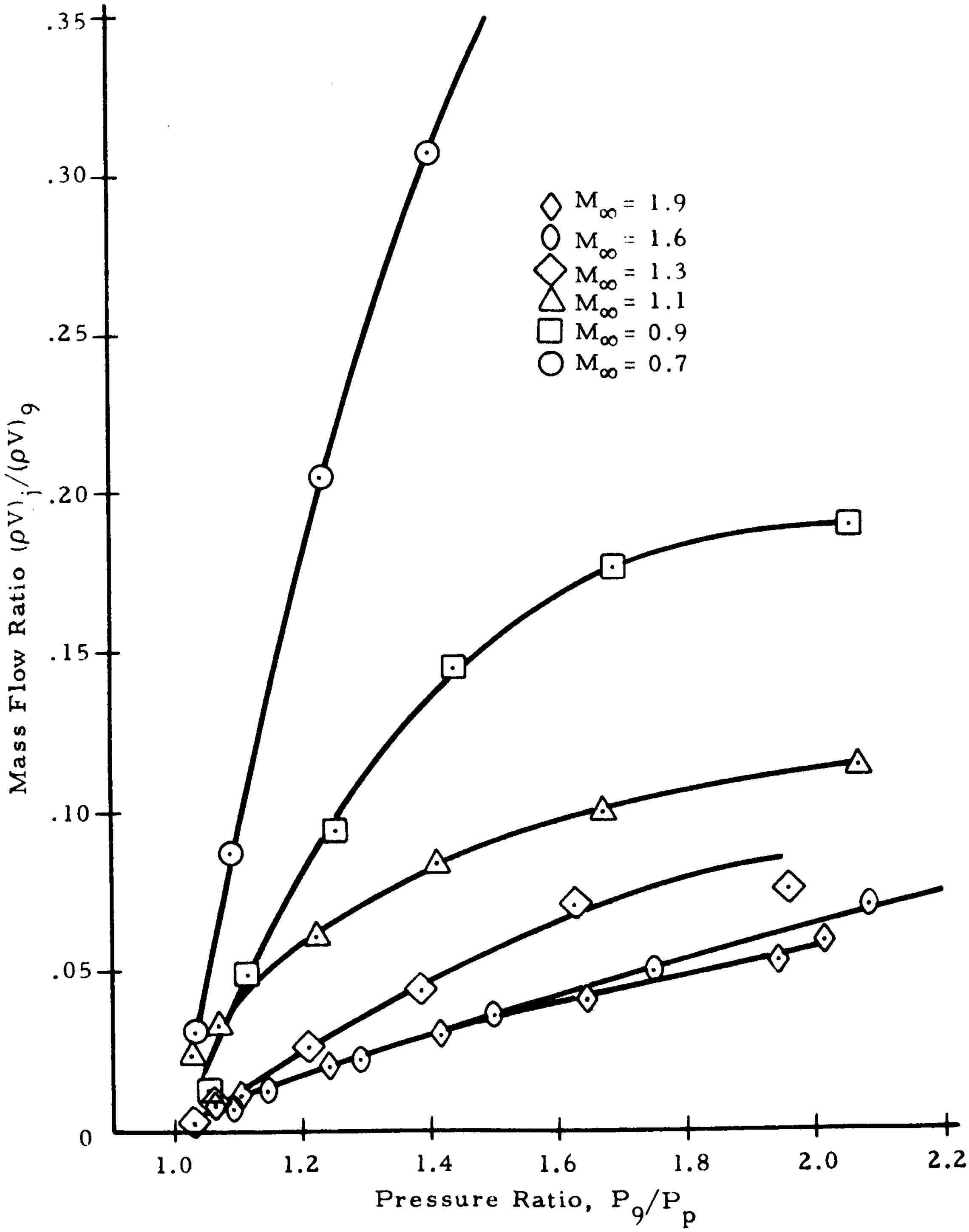

Fig. D-30 - Mass Flow Ratio vs Pressure Ratio for Configuration 11 and Plate Position 5.85 Inches for Various Mach Numbers

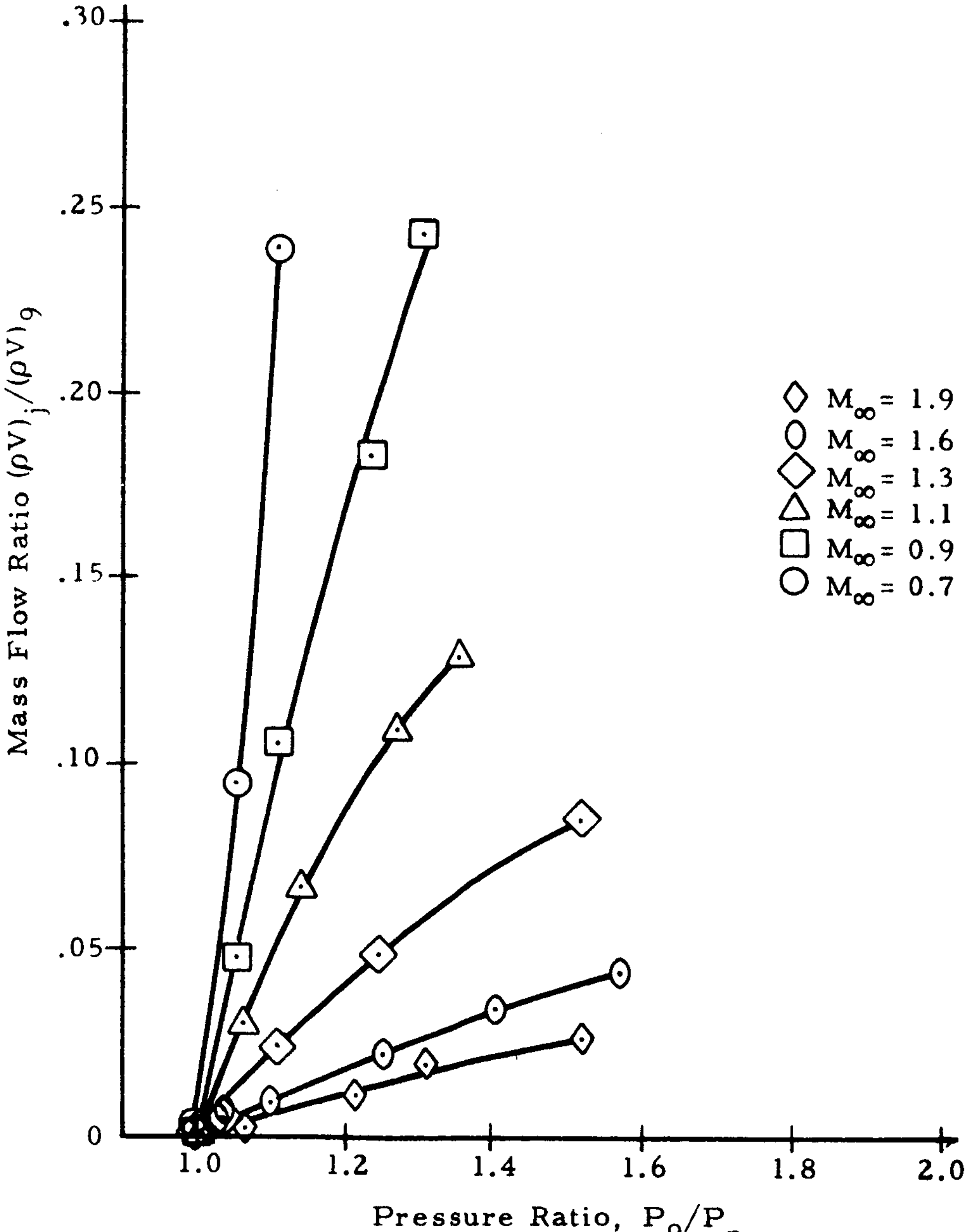

Fig. 31 - Mass Flow Ratio vs Pressure Ratio for Configuration 1 and Plate Position 0.0 Inches for Various Mach Numbers

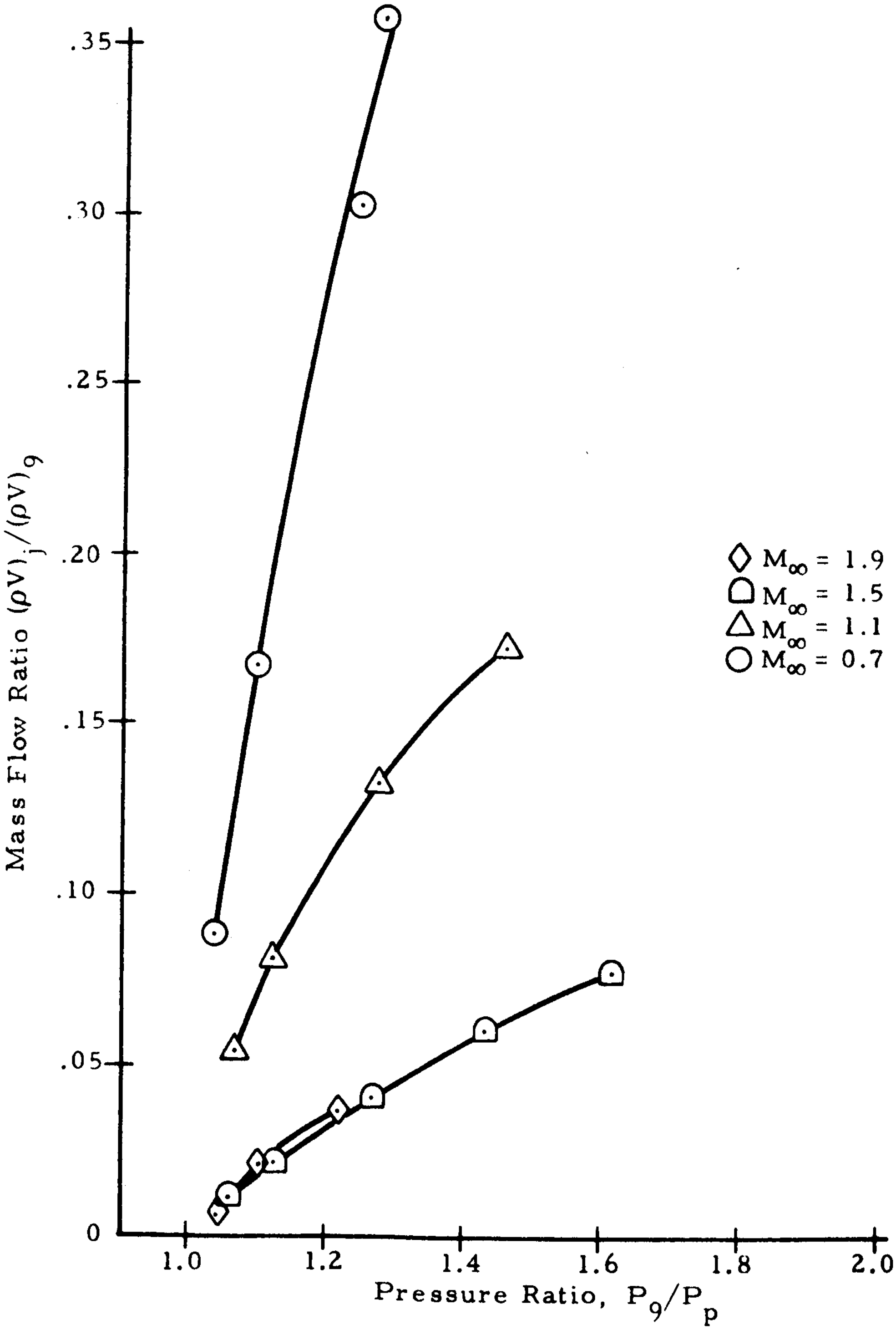

Fig. D-32 - Mass Flow Ratio vs Pressure Ratio for Configuration 1 and Plate Position 1.75 Inches for Various Mach Numbers

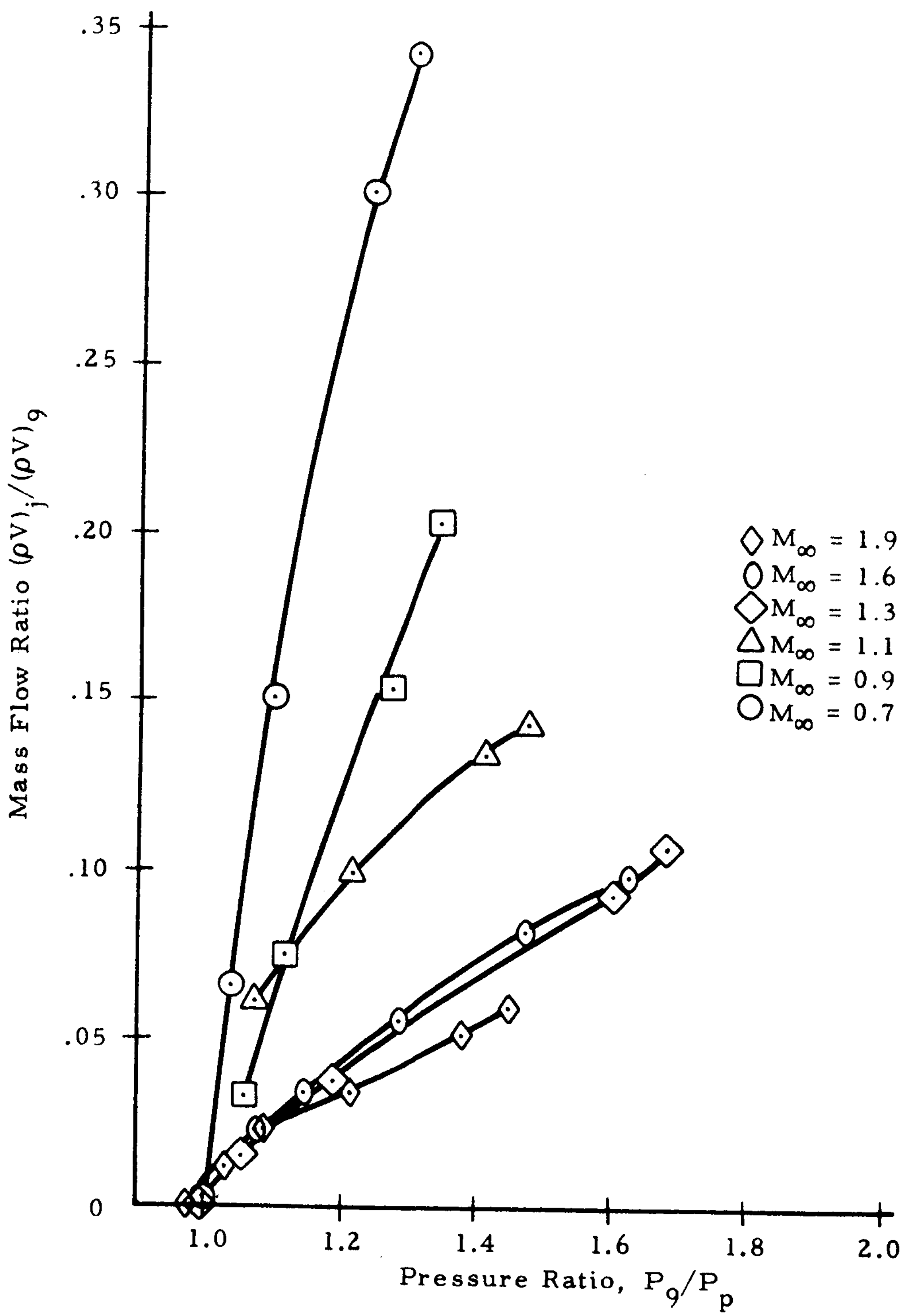

Fig. D-33 - Mass Flow Ratio vs Pressure Ratio for Configuration 1 and Plate Position 5.85 Inches for Various Mach Numbers

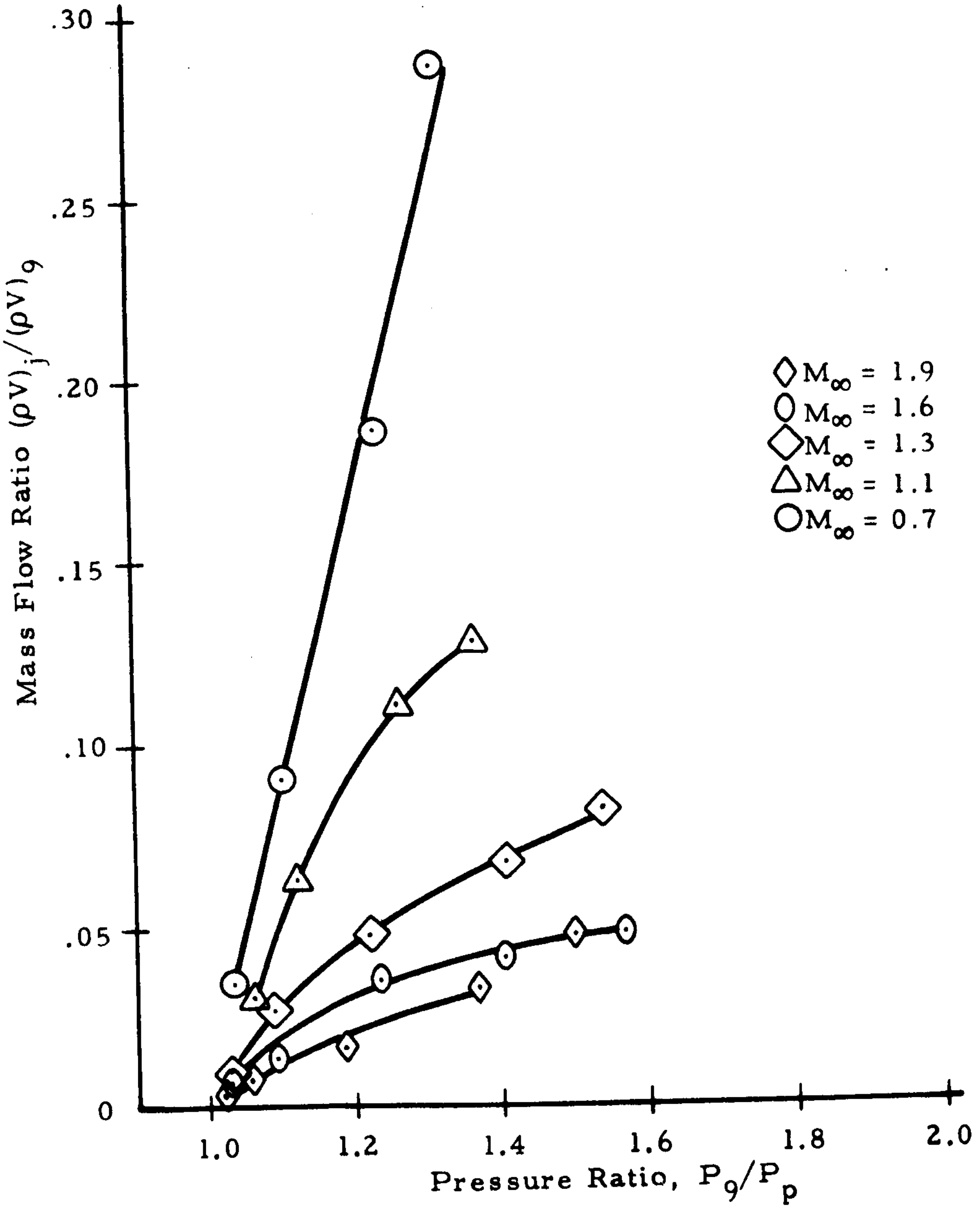

Fig. D-34 - Mass Flow Ratio vs Pressure Ratio for Configuration 4 and Plate Position 0.0 Inches for Various Mach Numbers

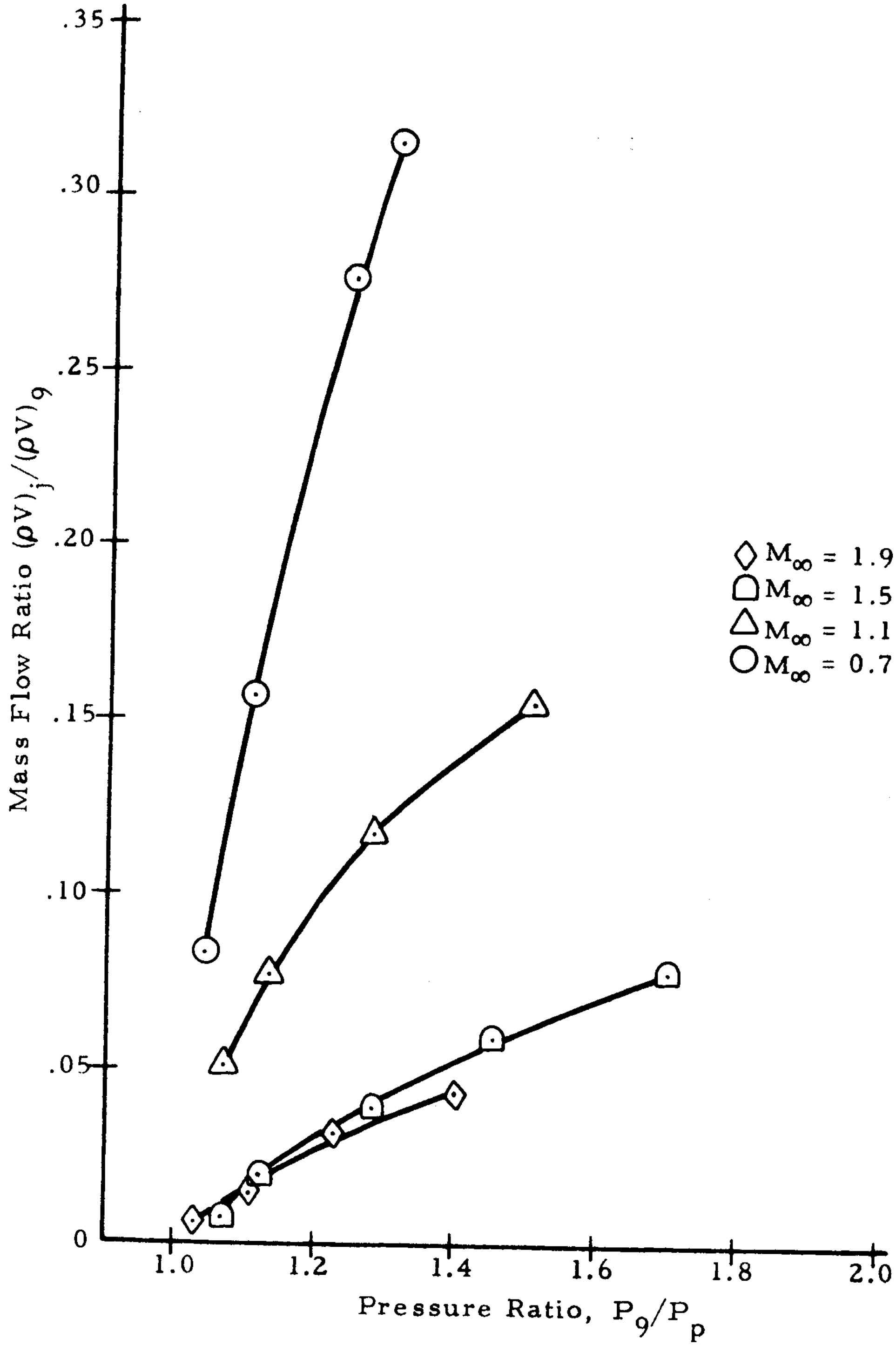

Fig. D-35 - Mass Flow Ratio vs Pressure Ratio for Configuration 4 and Plate Position 1.75 Inches for Various Mach Numbers

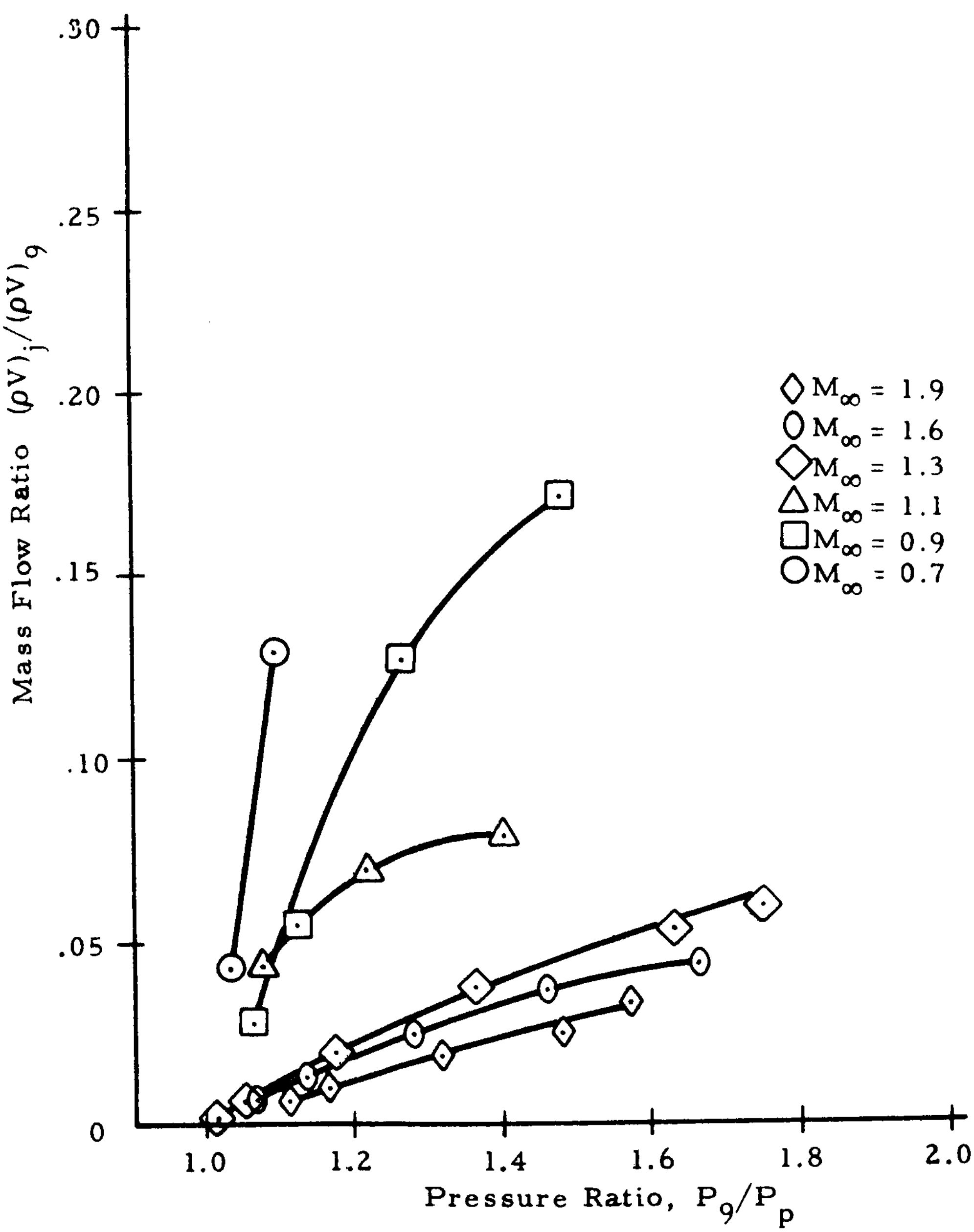

Fig. D-36 - Mass Flow Ratio vs Pressure Ratio for Configuration 4 and Plate Position 5.85 Inches for Various Mach Numbers

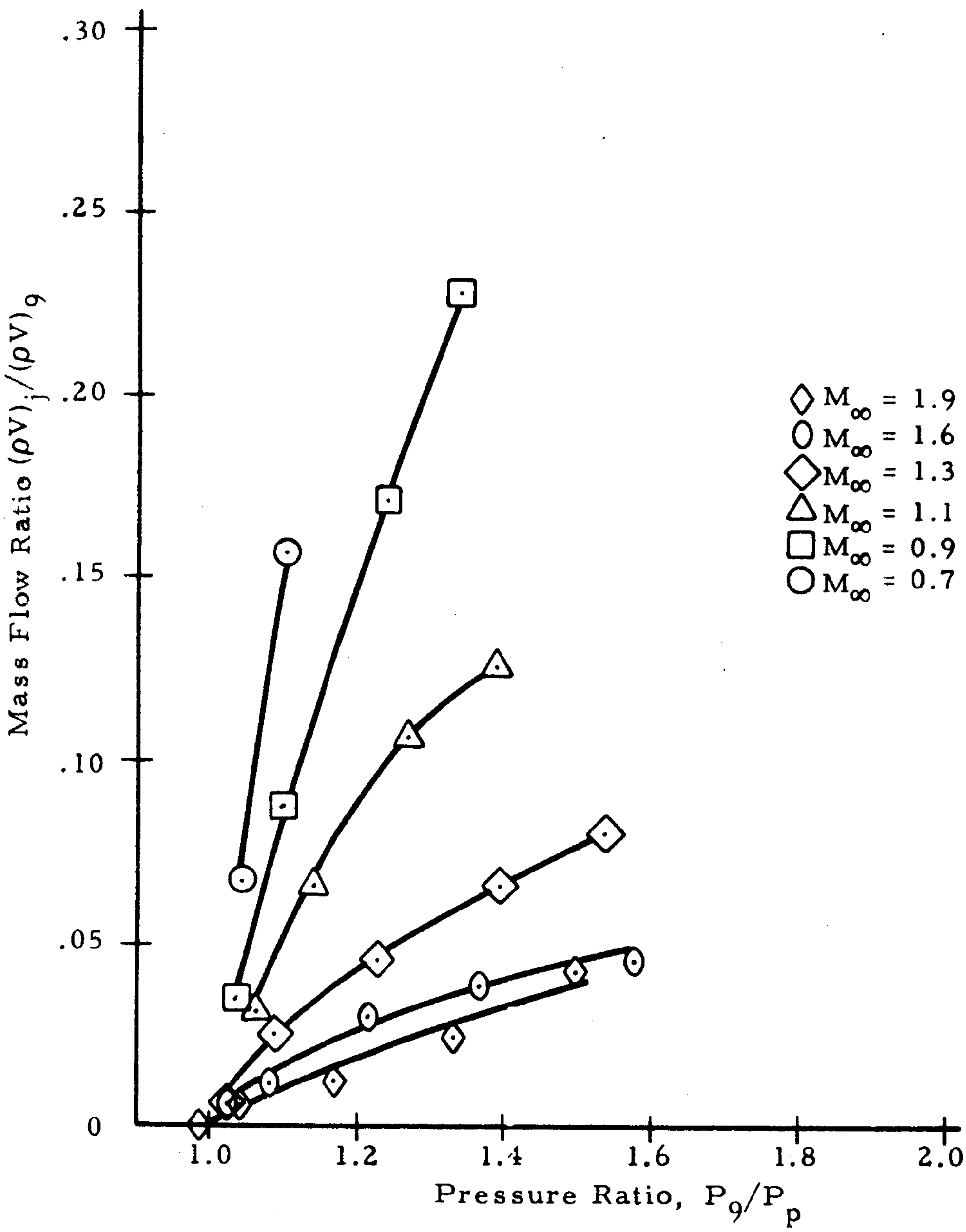

Fig. D-37 - Mass Flow Ratio vs Pressure Ratio for Configuration 10 and Plate Position 0.0 Inches for Various Mach Numbers

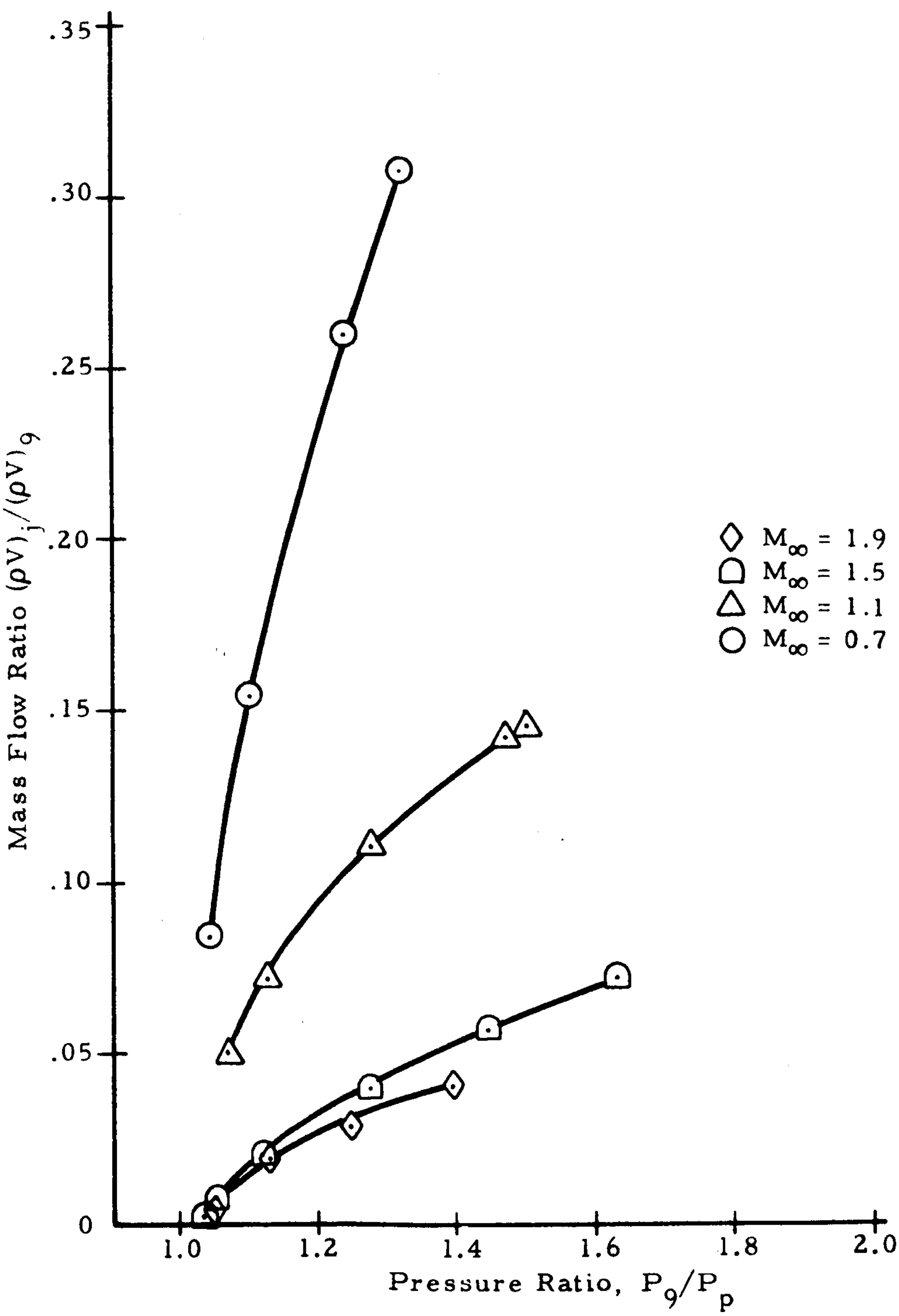

Fig. D-38 - Mass Flow Ratio vs Pressure Ratio for Configuration 10 and Plate Position 1.75 Inches for Various Mach Numbers

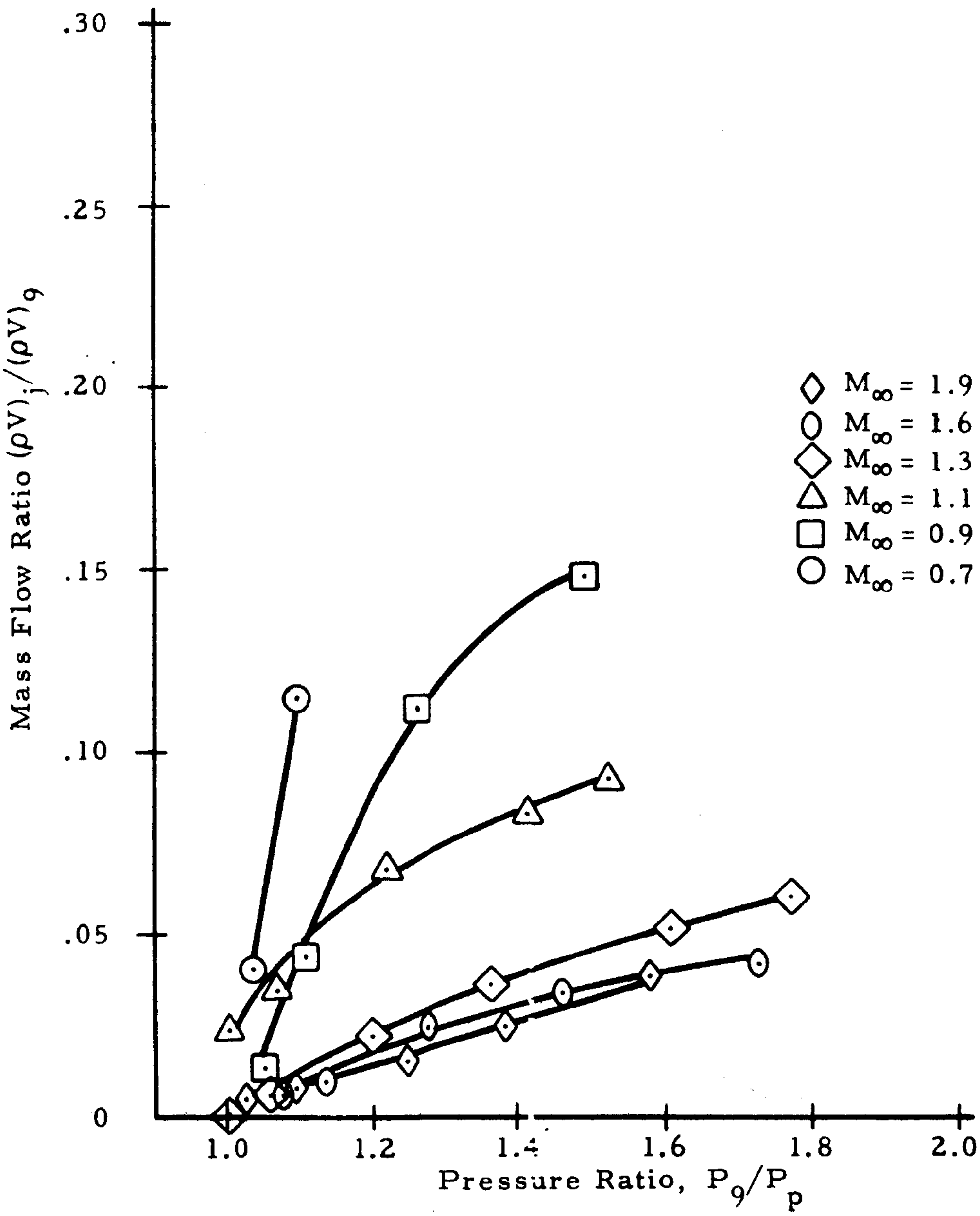

Fig. D-39 - Mass Flow Ratio vs Pressure Ratio for Configuration 10 and Plate Position 5.85 Inches for Various Mach Numbers

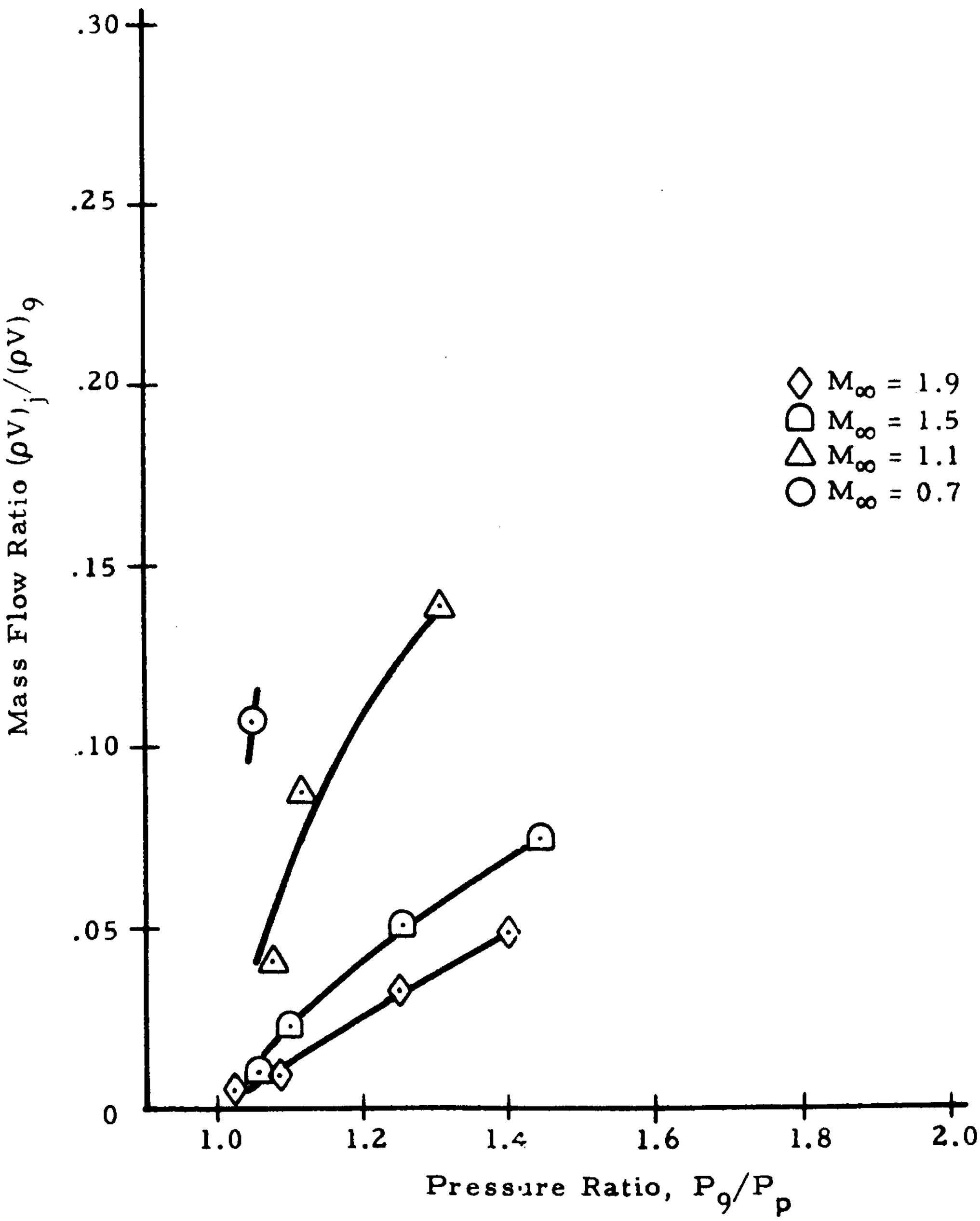

Fig. D-40 - Mass Flow Ratio vs Pressure Ratio for Configuration 3 and Plate Position 0.0 for Various Mach Numbers

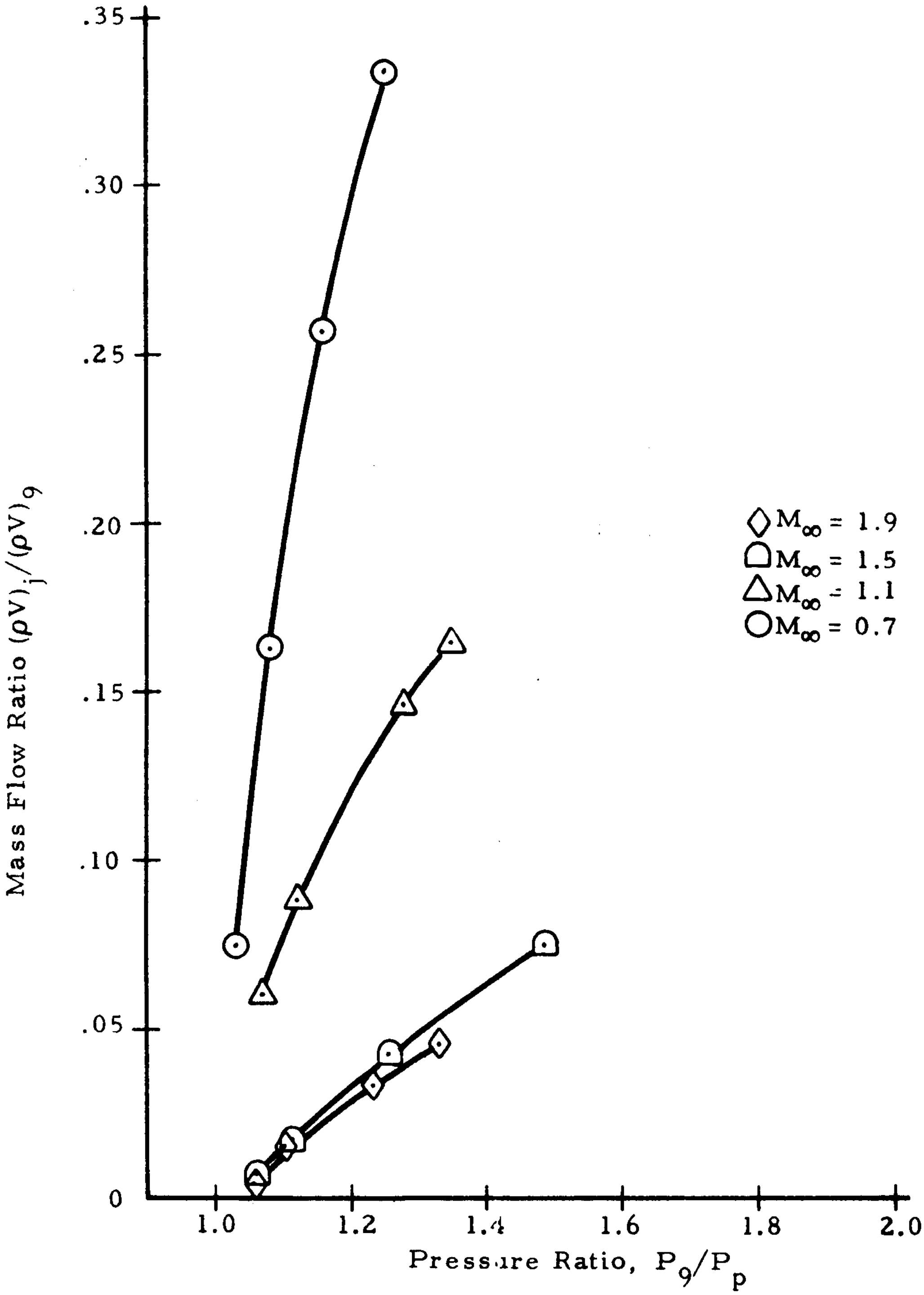

Fig. D-41 - Mass Flow Ratio vs Pressure Ratio for Configuration 3 and Plate Position 1.75 Inches for Various Mach Numbers

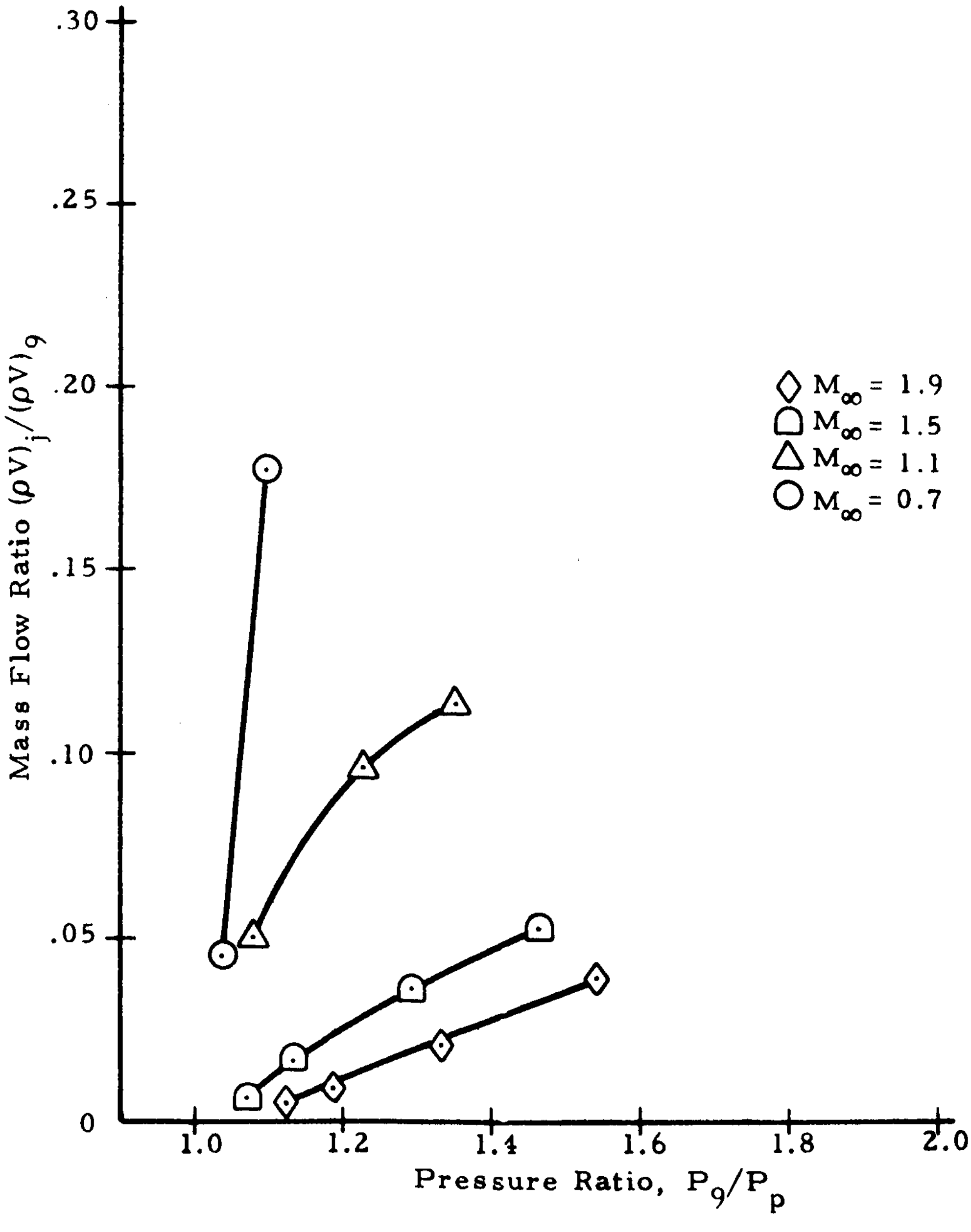

Fig. D-42 - Mass Flow Ratio vs Pressure Ratio for Configuration 3 and Plate Position 5.85 Inches for Various Mach Numbers

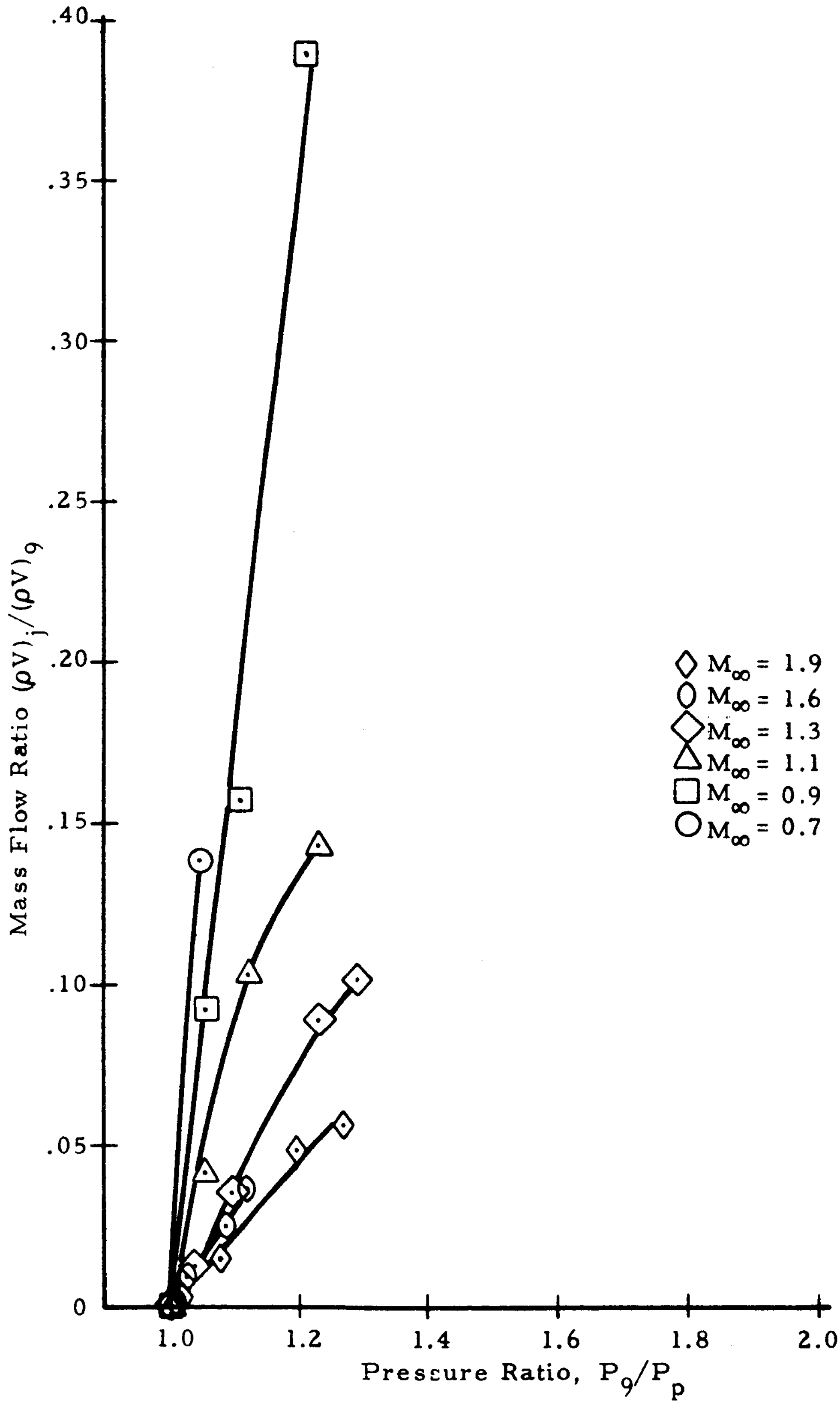

Fig. D-43 - Mass Flow Ratio vs Pressure Ratio for Configuration 2 and Plate Position 0.0 Inches for Various Mach Numbers

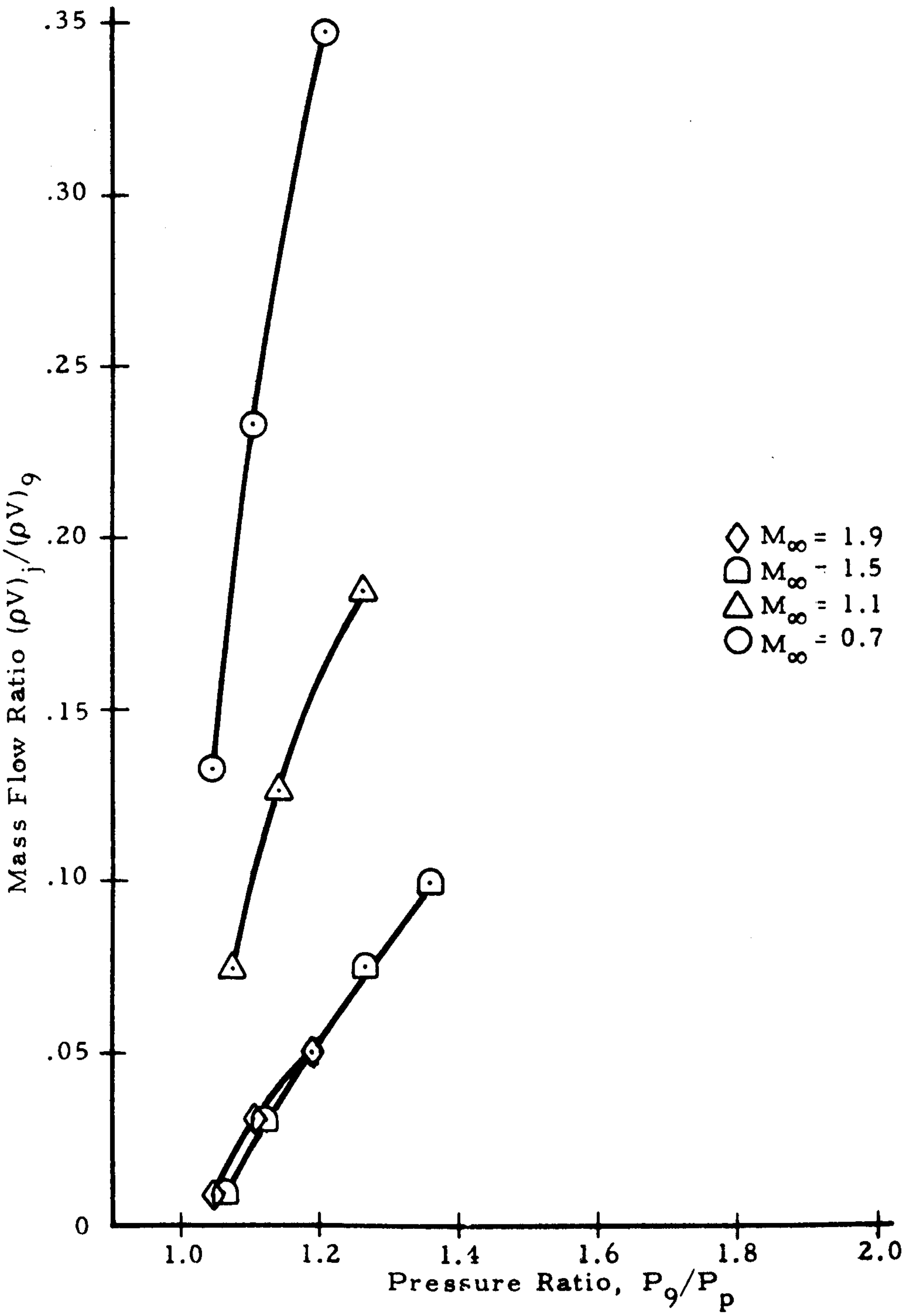

Fig. D-44 - **Mass Flow Ratio vs Pressure Ratio for Configuration 2 and Plate Position 1.75 Inches for Various Mach Numbers**

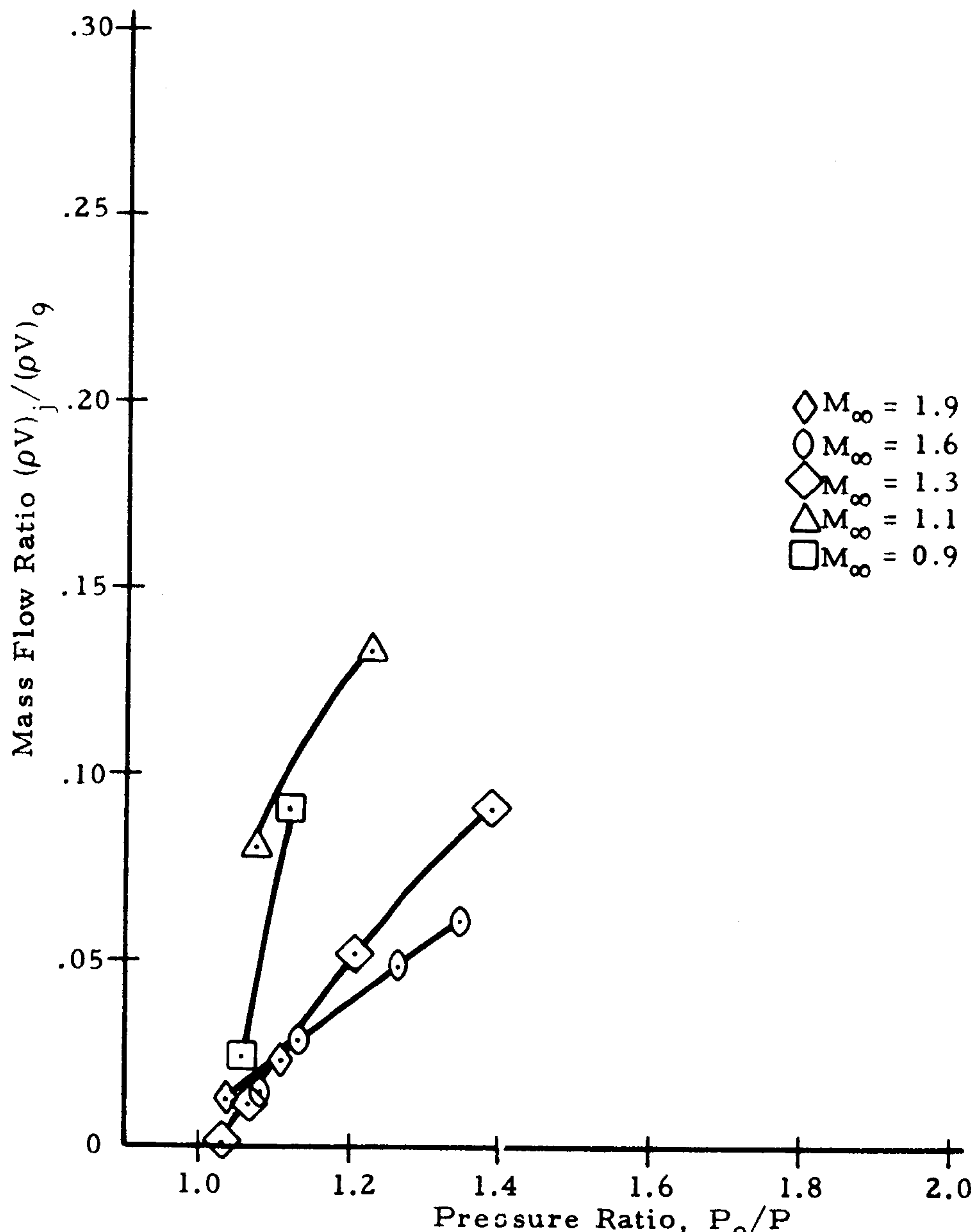

Fig. D-45 - Mass Flow Ratio vs Pressure Ratio for Configuration 2 and Plate Position 5.85 Inches for Various Mach Numbers

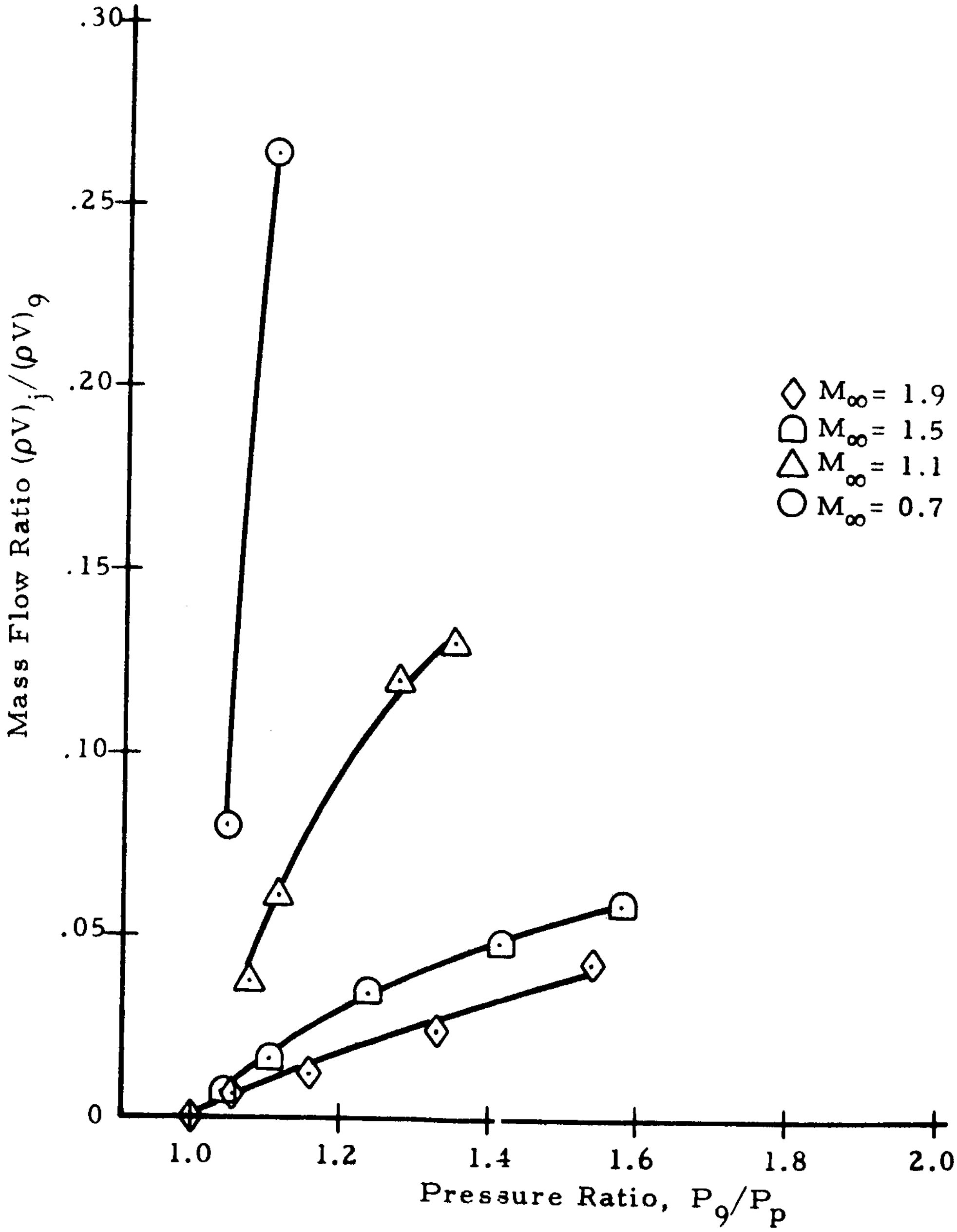

Fig. D-46 - Mass Flow Ratio vs Pressure Ratio for Configuration 5 and Plate Position 0.0 Inches for Various Mach Numbers

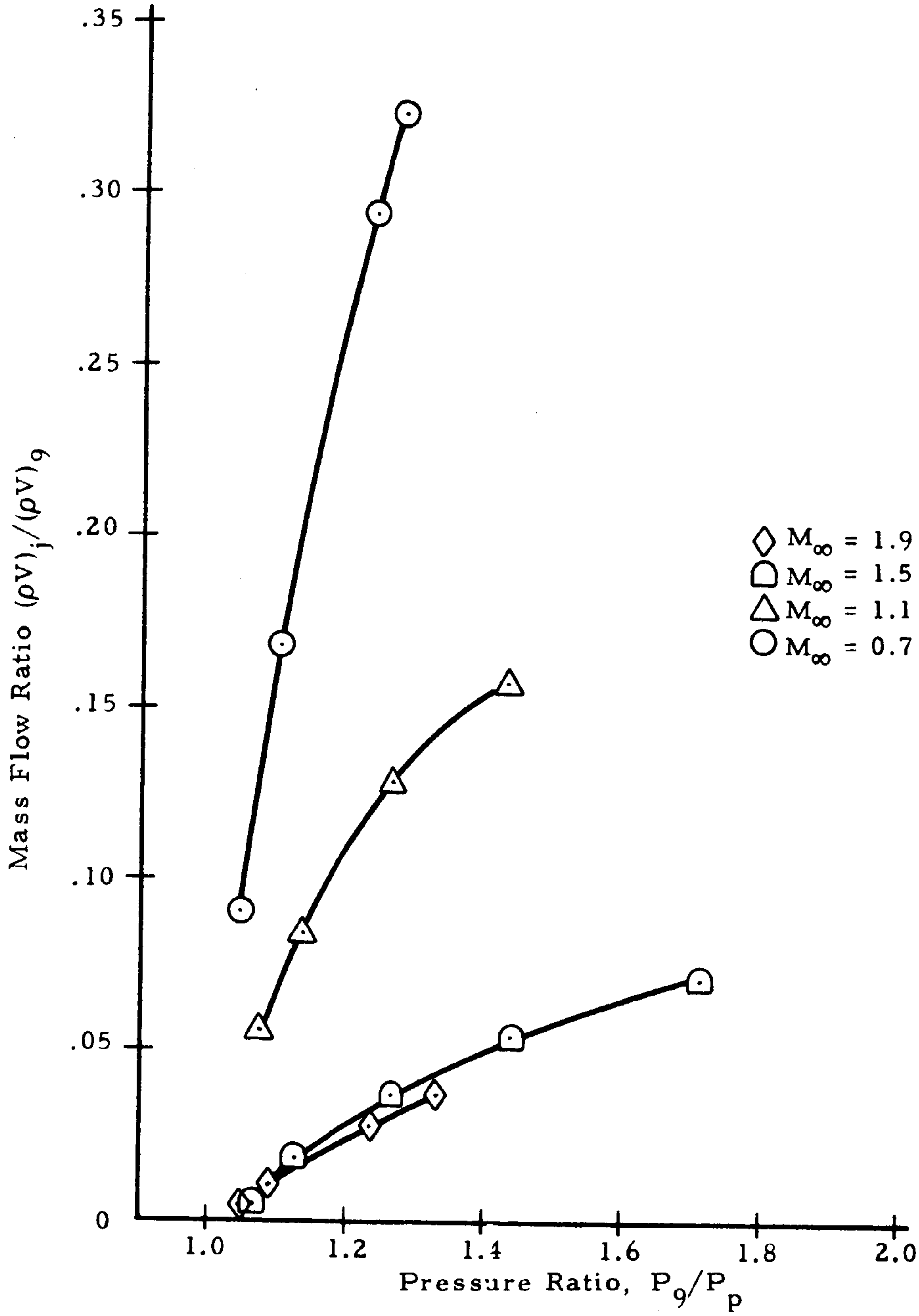

Fig. D-47 - Mass Flow Ratio vs Pressure Ratio for Configuration 5 and Plate Position 1.75 Inches for Various Mach Numbers

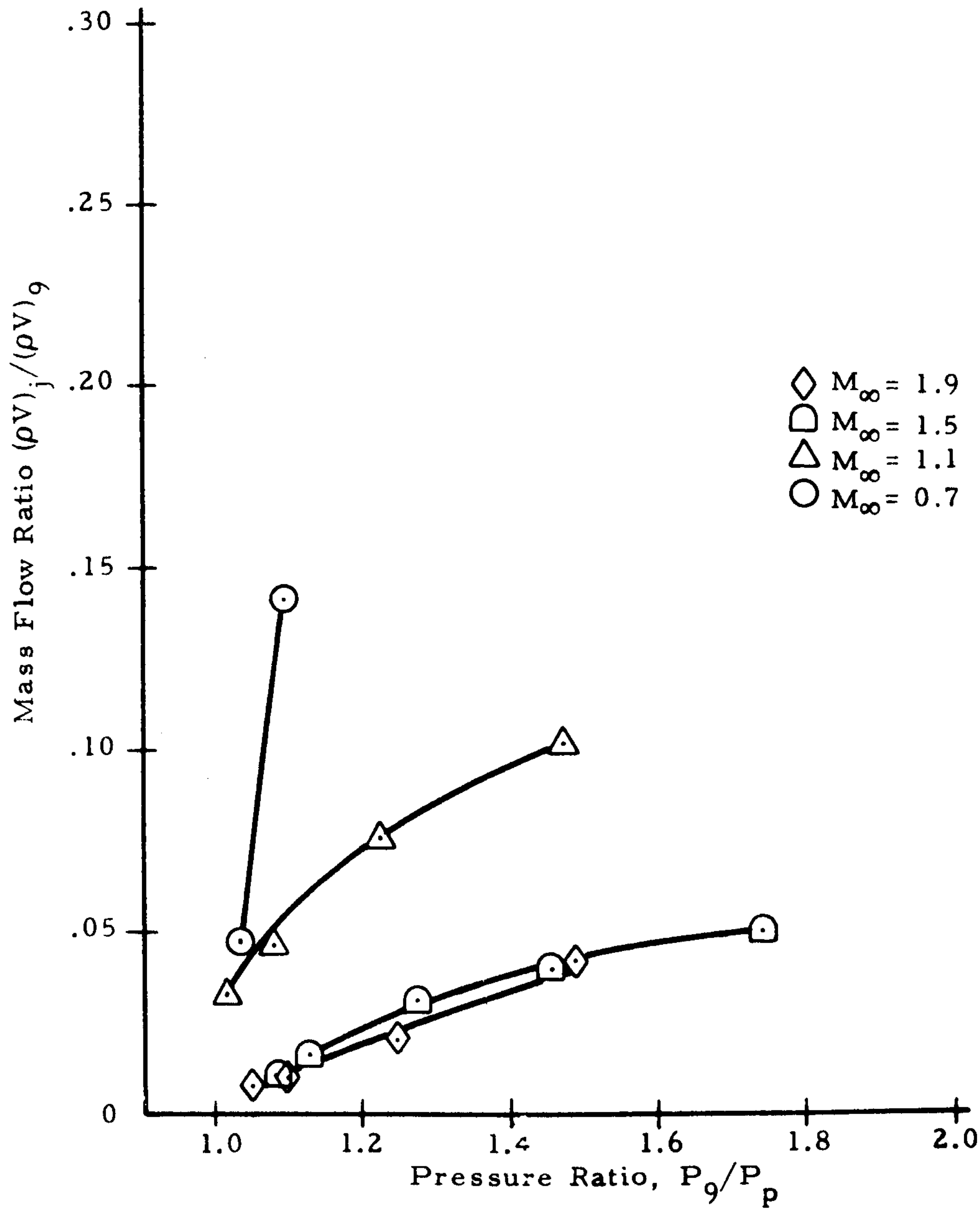

Fig. D-48 - Mass Flow Ratio vs Pressure Ratio for Configuration 5 and Plate Position 5.85 Inches for Various Mach Numbers

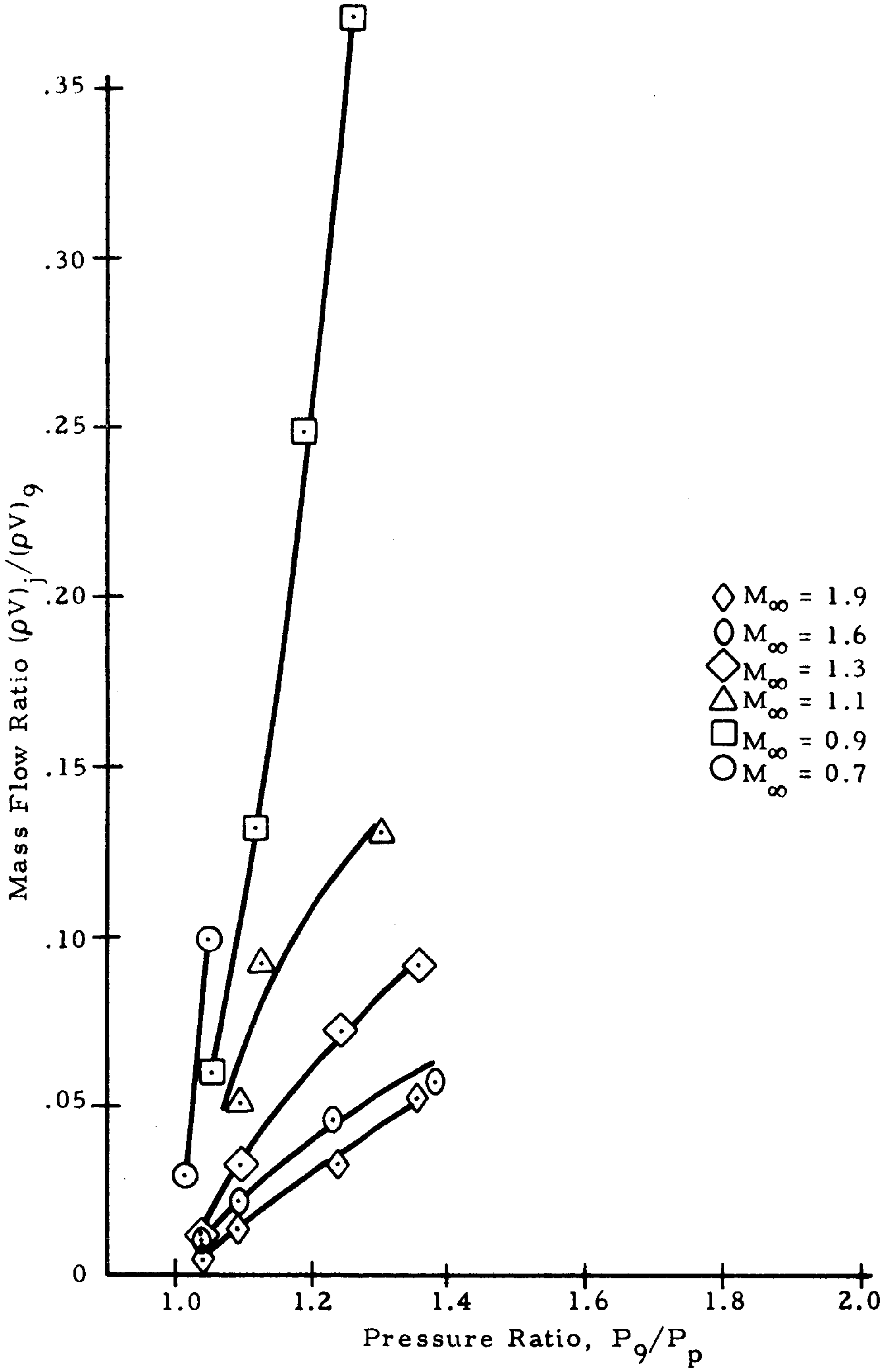

Fig. D-49 - Mass Flow Ratio vs Pressure Ratio for Configuration 8 and Plate Position 0.0 Inches for Various Mach Numbers

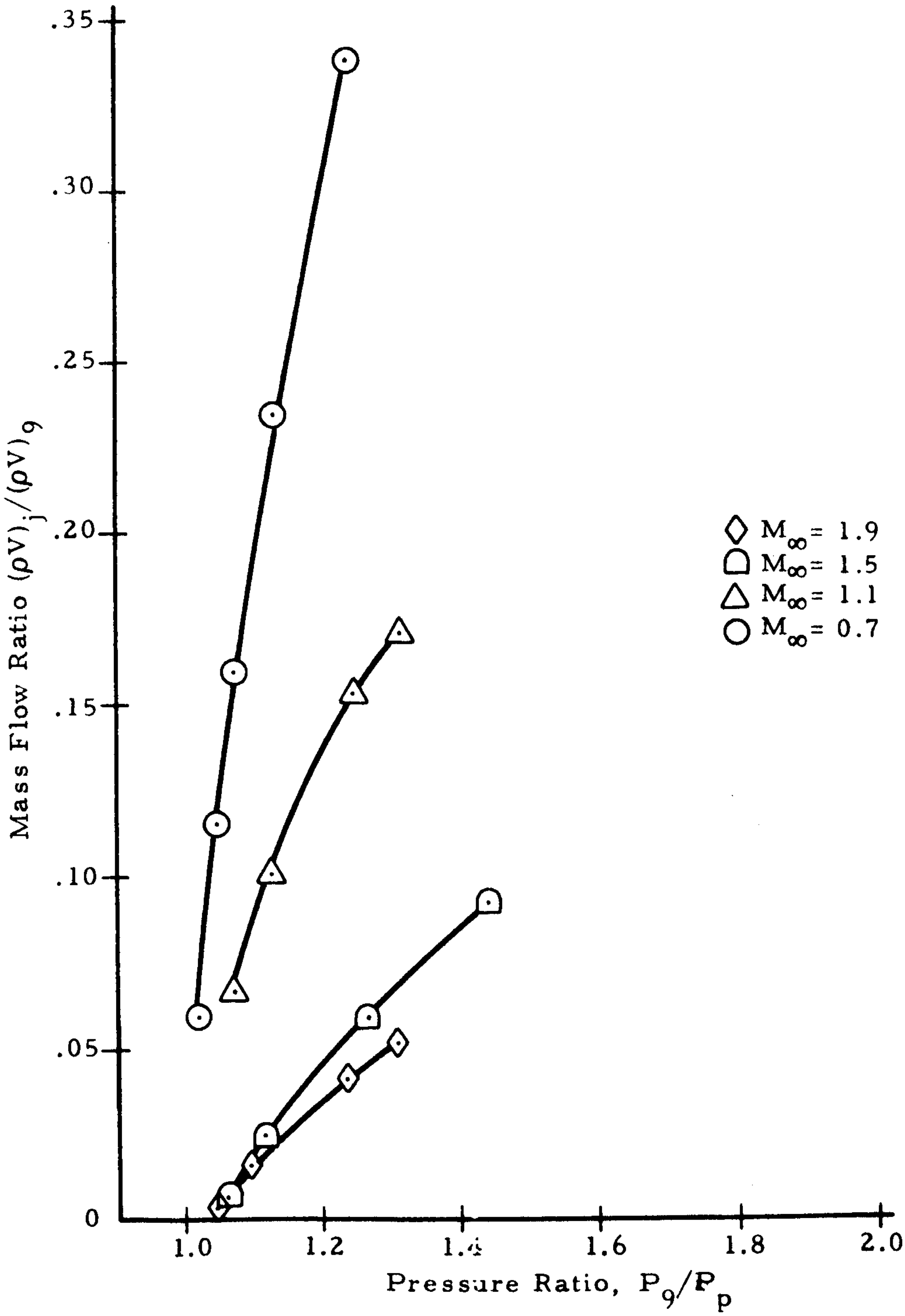

Fig. D-50 - Mass Flow Ratio vs Pressure Ratio for Configuration 8 and Plate Position 1.75 Inches for Various Mach Numbers

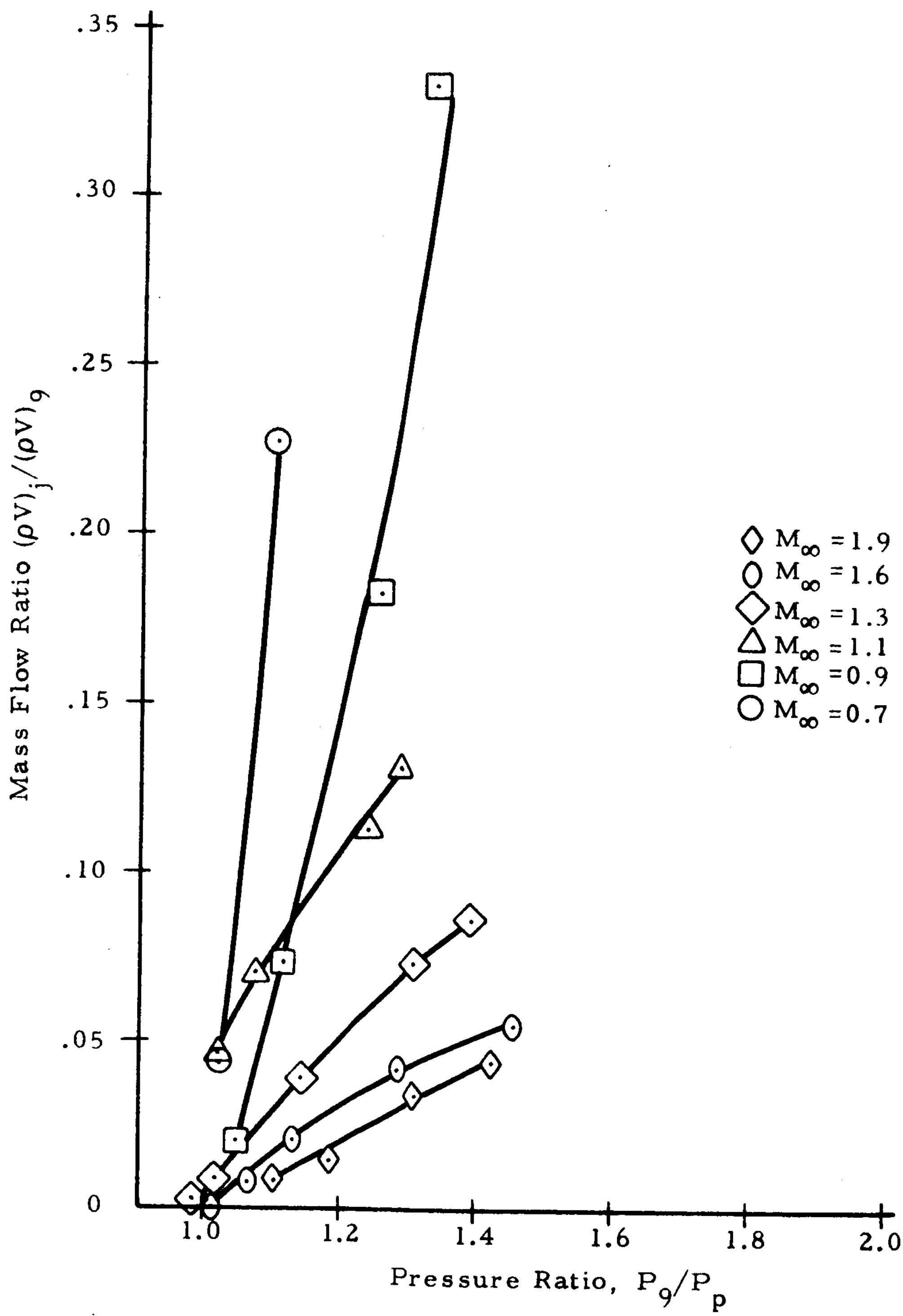

Fig. D-51 - Mass Flow Ratio vs Pressure Ratio for Configuration 8 and Plate Position 5.85 Inches for Various Mach Number

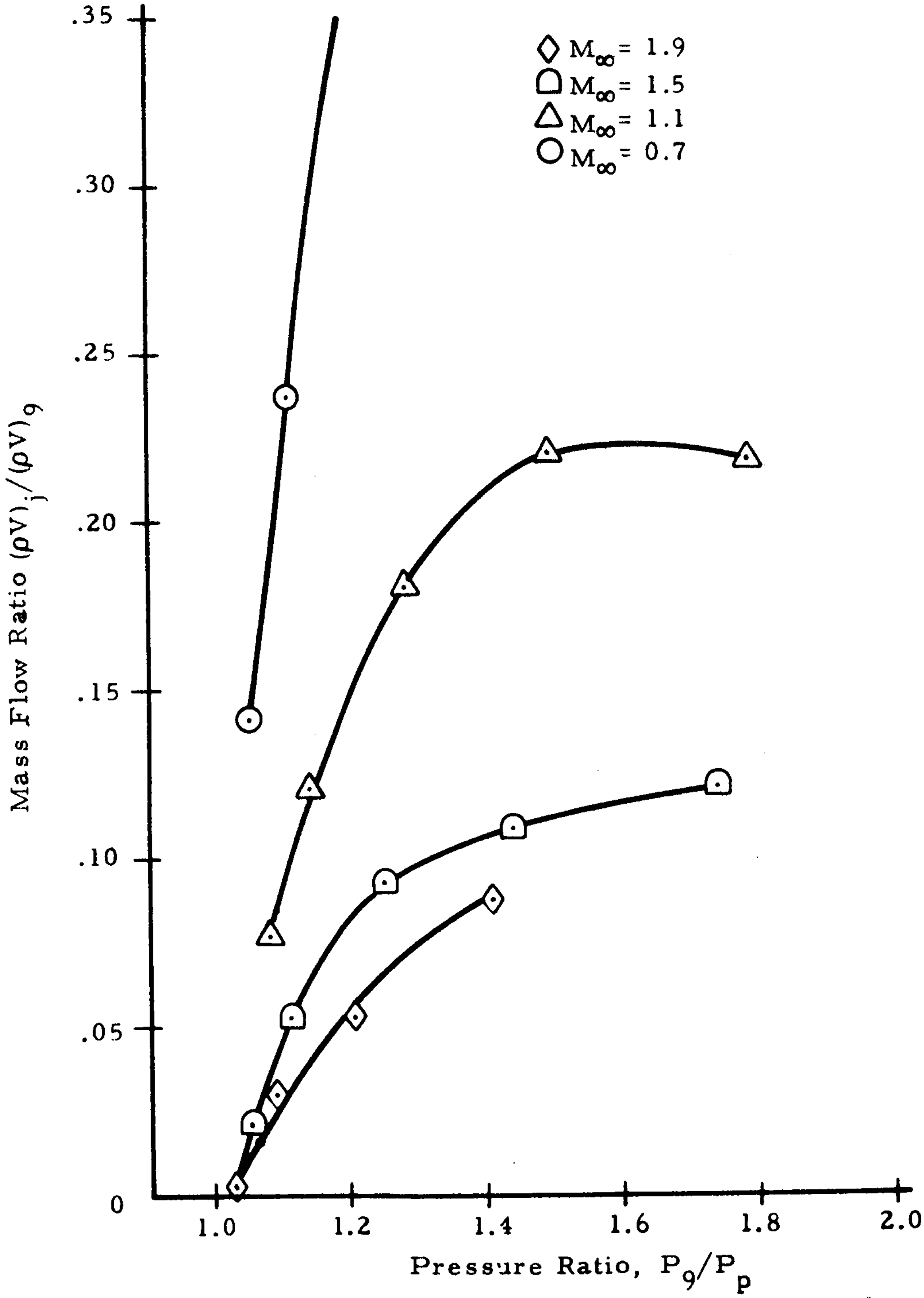

Fig. D-52 - Mass Flow Ratio vs Pressure Ratio for Configuration 9 and Plate Position 0.0 Inches for Various Mach Numbers

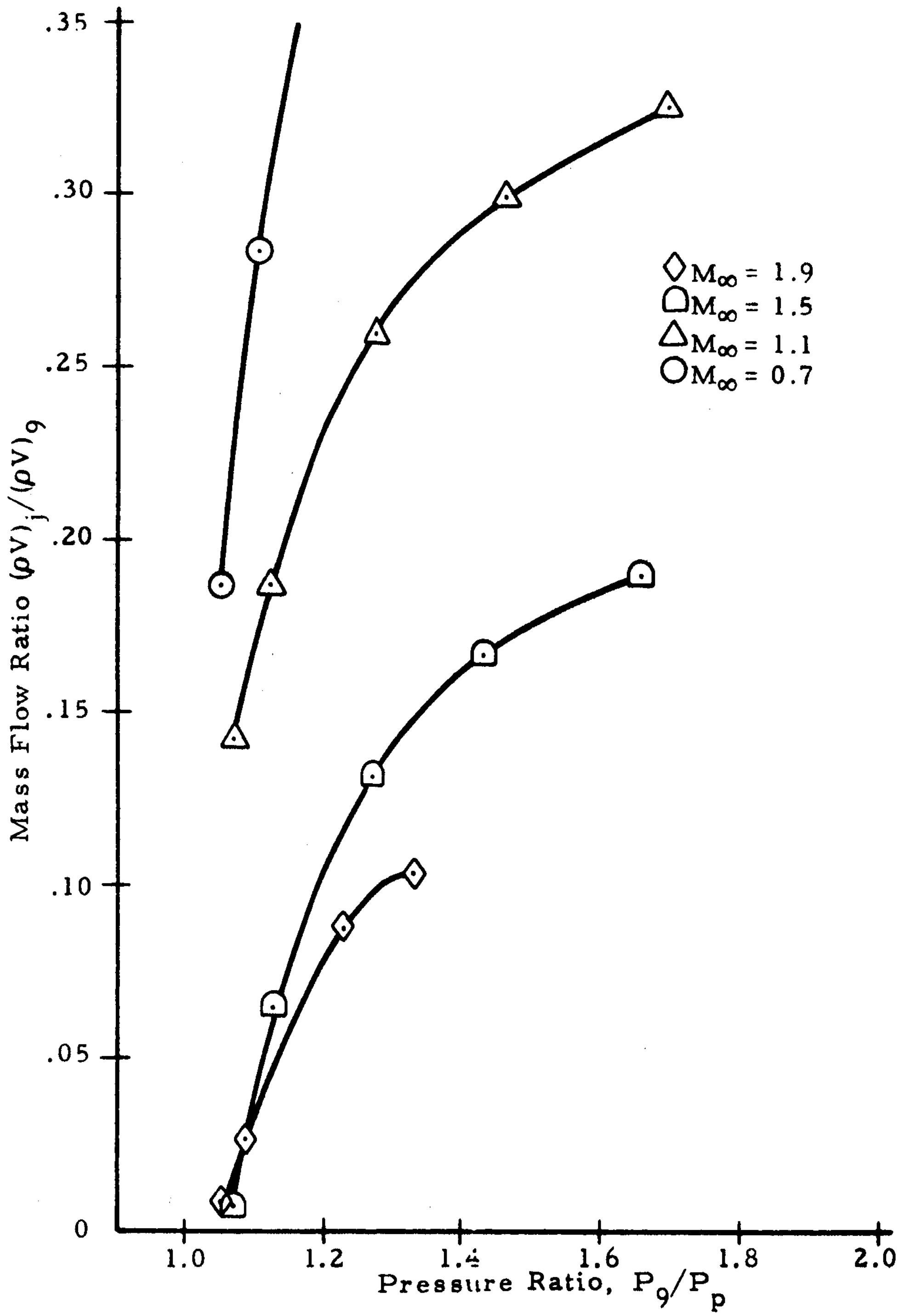

Fig. D-53 - Mass Flow Ratio vs Pressure Ratio for Configuration 9 and Plate Position 1.75 Inches for Various Mach Numbers

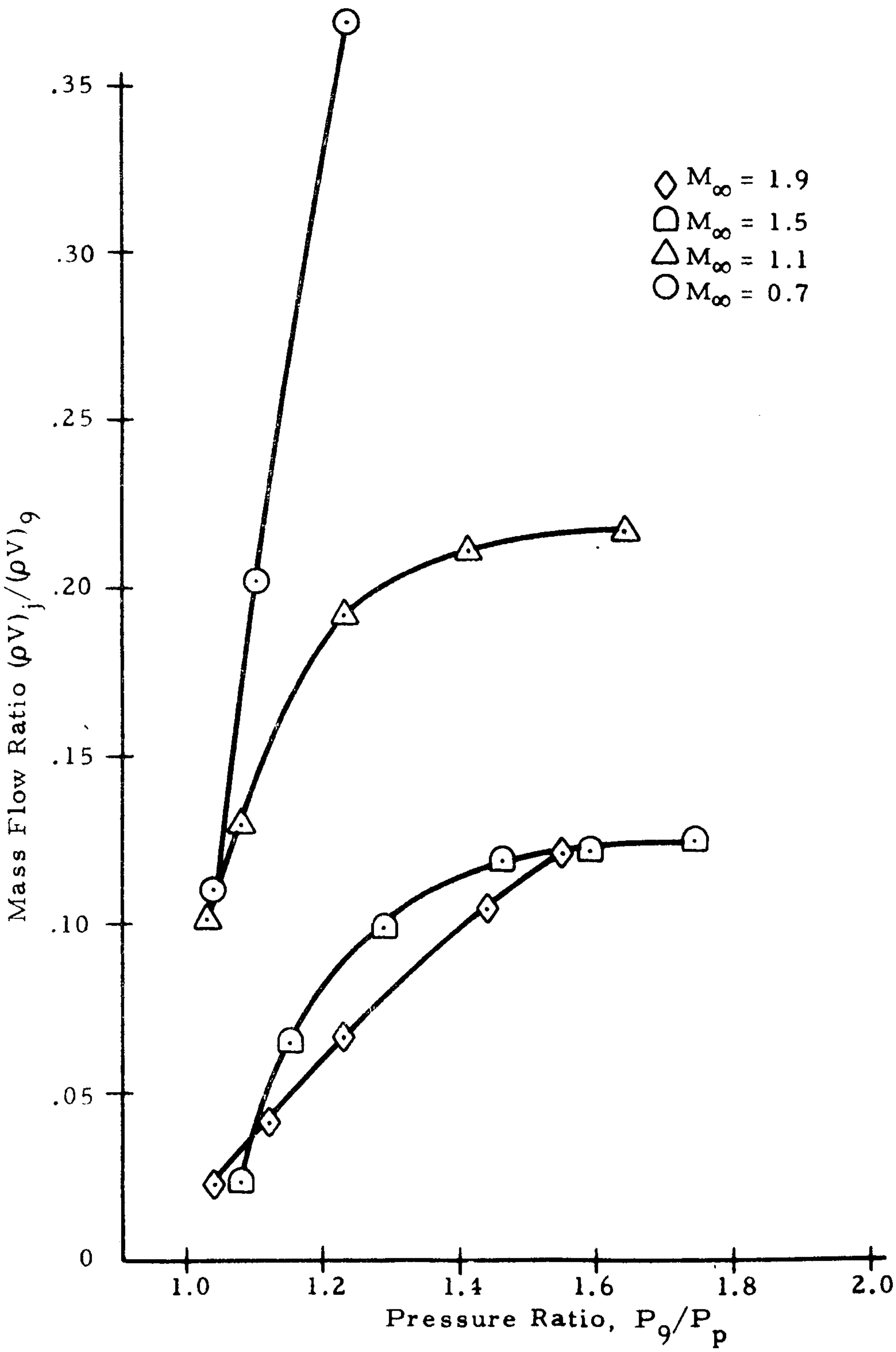

Fig. D-54 - Mass Flow Ratio vs Pressure Ratio for Configuration 9 and Plate Position 5.85 Inches for Various Mach Numbers

Appendix E

CONFIGURATION COMPARISON DATA

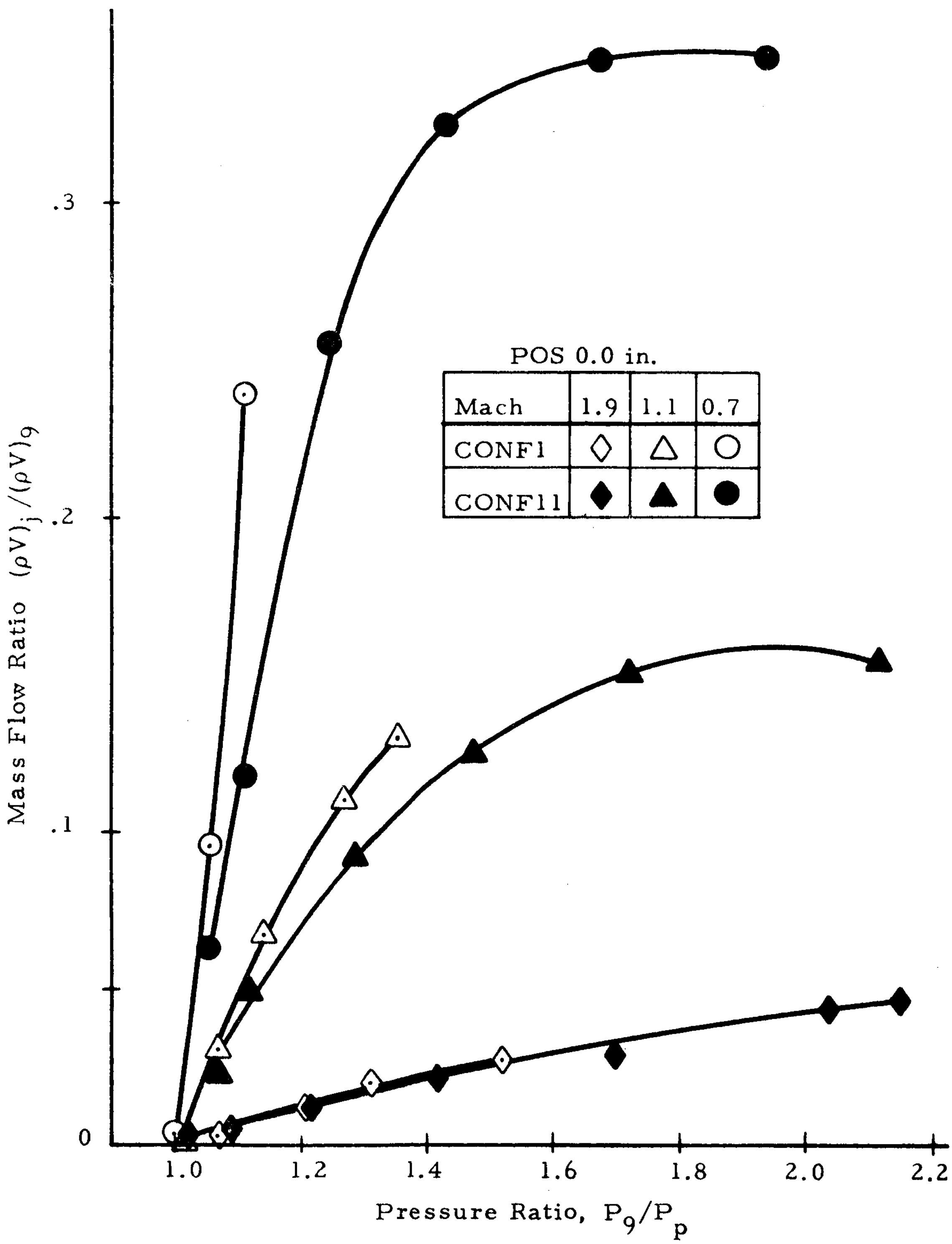

Fig. E-1 - Comparison of Mass Flow Ratio of Circular Orifice Configurations with Different Areas at Plate Position 0.0 Inches

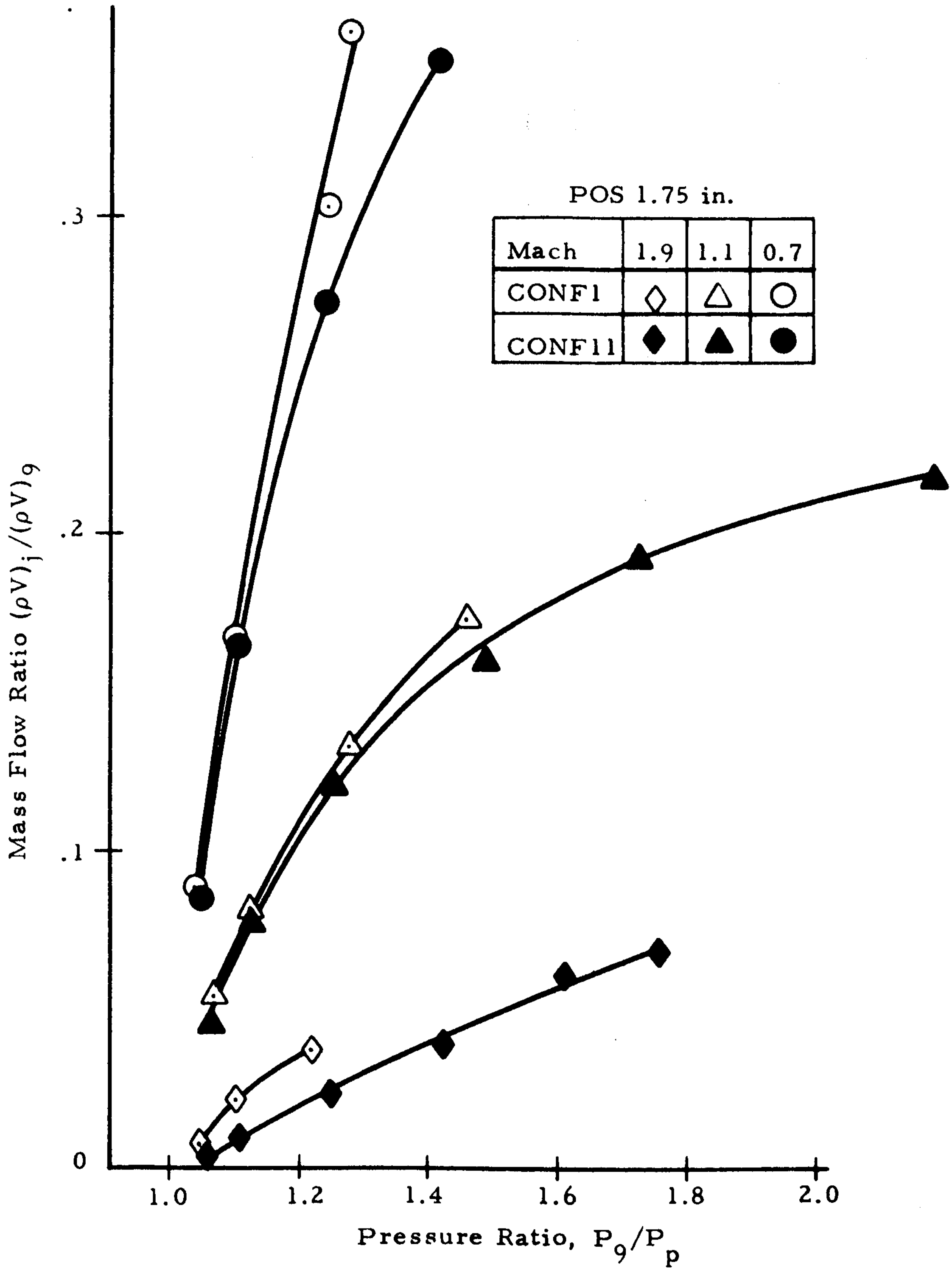

Fig. E-2 - Comparison of Mass Flow Ratio of Circular Orifice Configurations with Different Areas at Plate Position 1.75 Inches

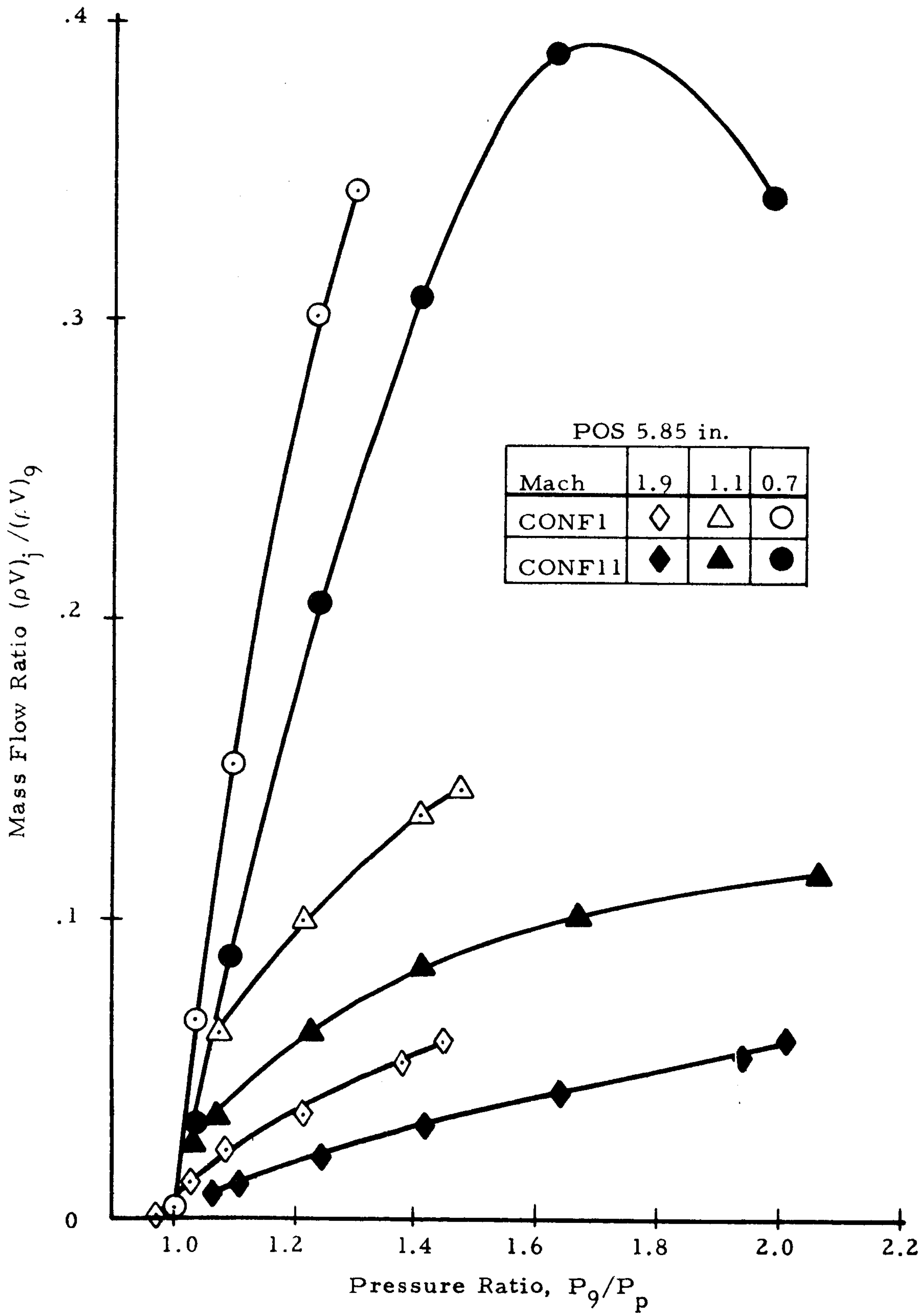

Fig. E-3 - Comparison of Mass Flow Ratio of Circular Orifice Configurations with Different Areas at Plate Position 5.85 Inches.

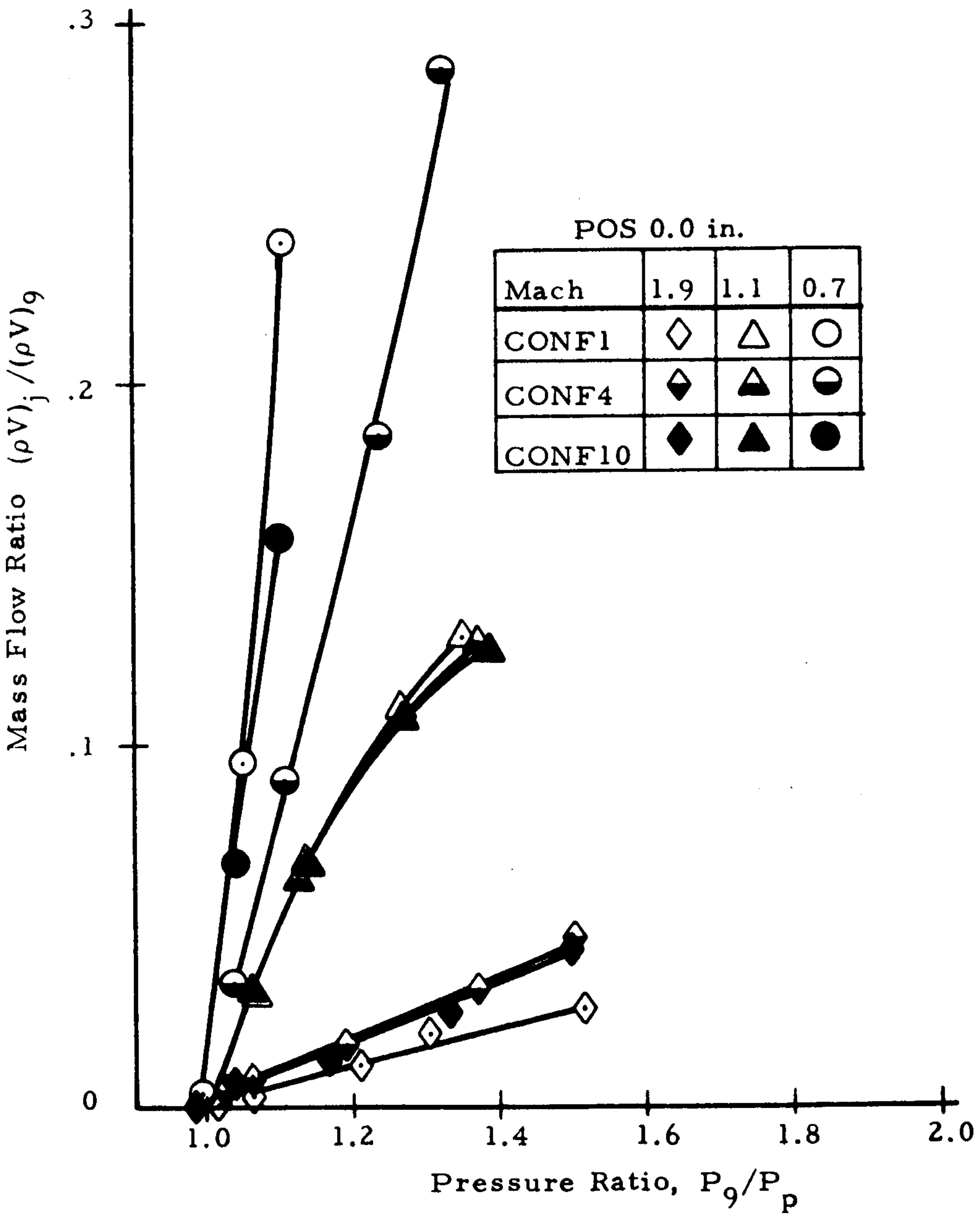

Fig. E-4 - Comparison of Mass Flow Ratio of Circular Orifice Configurations with Different Thickness at Plate Position 0.0 Inches.

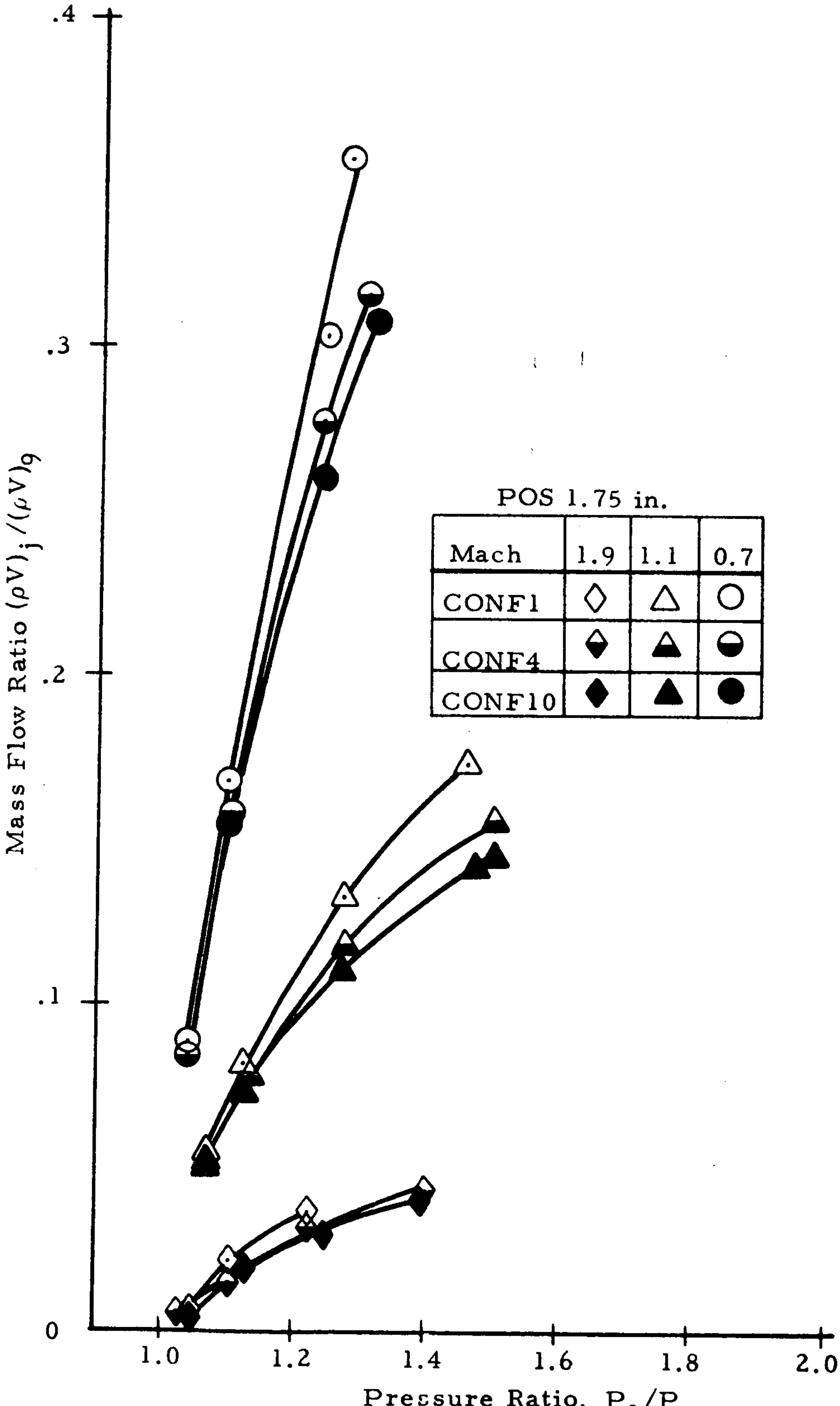

Fig. E-5 - Comparison of Mass Flow Ratio of Circular Orifice Configurations with Different Thickness at Plate Position 1.75 Inches.

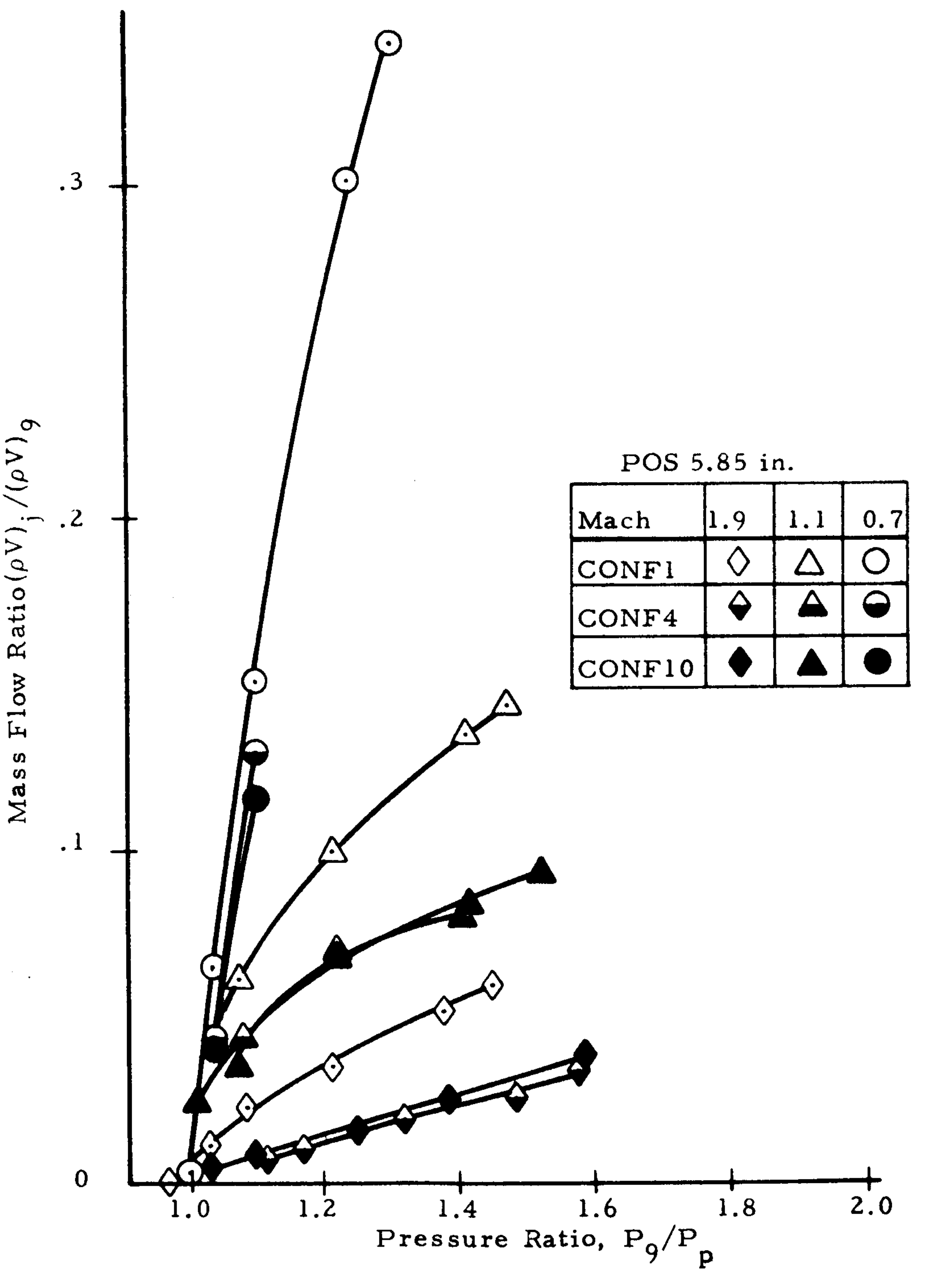

Fig. E-6 - Comparison of Mass Flow Ratio of Circular Orifice Configurations with Different Thickness at Plate Position 5.85 Inches.

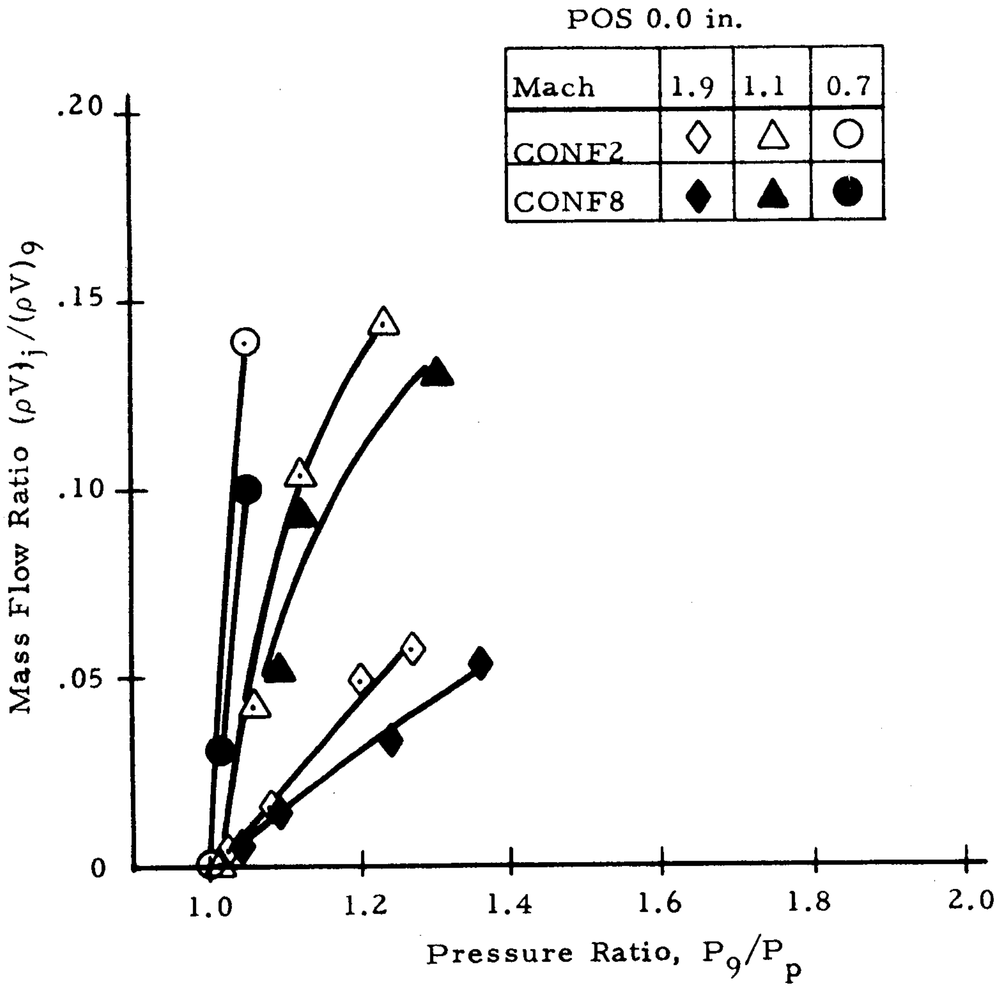

Fig. E-7 - Comparison of Mass Flow Ratio of Elliptic Orifices of Aspect Ratio 4:1 with Different Thickness at Plate Position 0.0 Inches.

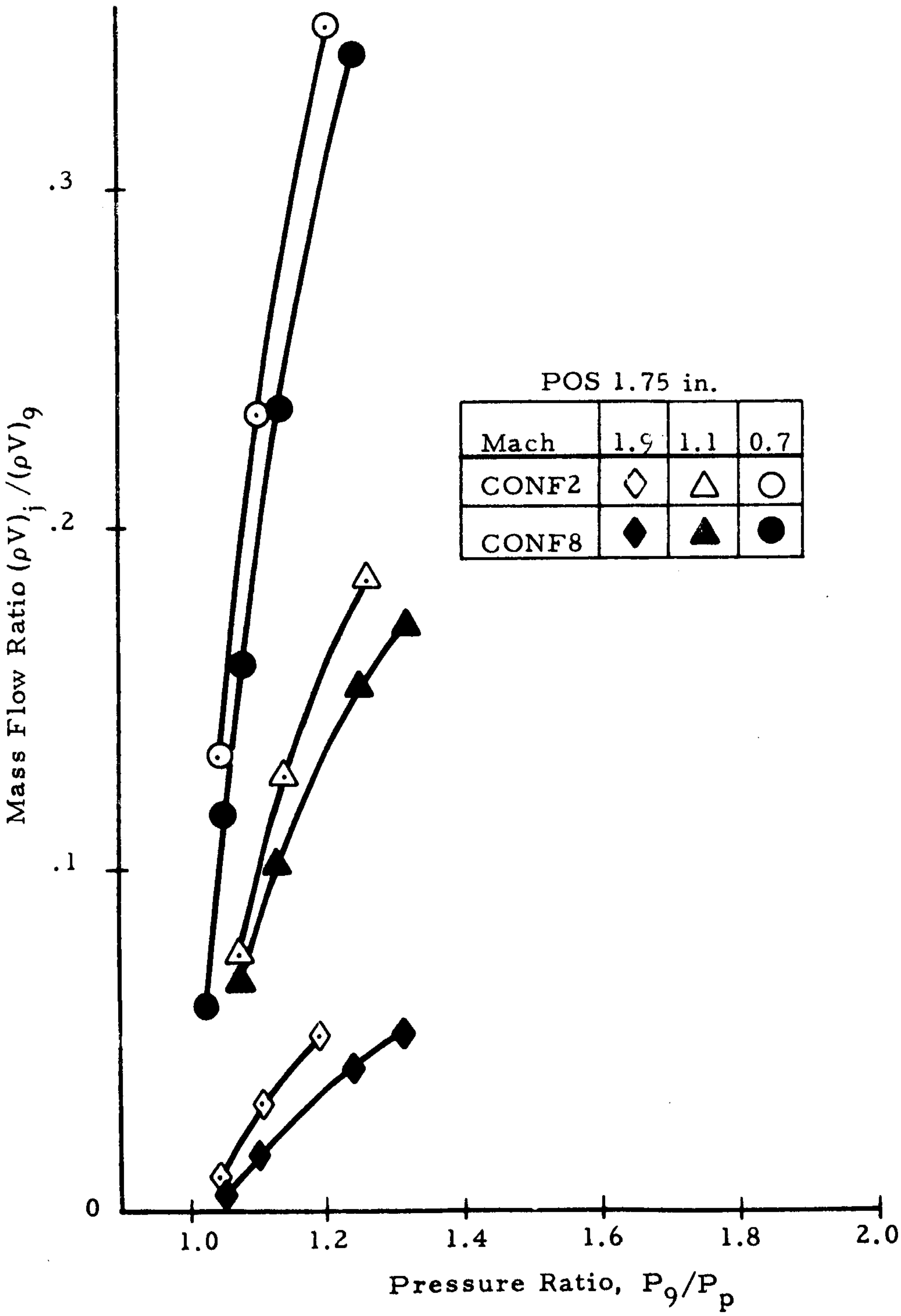

Fig. E-8 - Comparison of Mass Flow Ratio of Elliptic Orifices - Aspect Ratio 4:1 with Different Thickness at Plate Position 1.75 Inches.

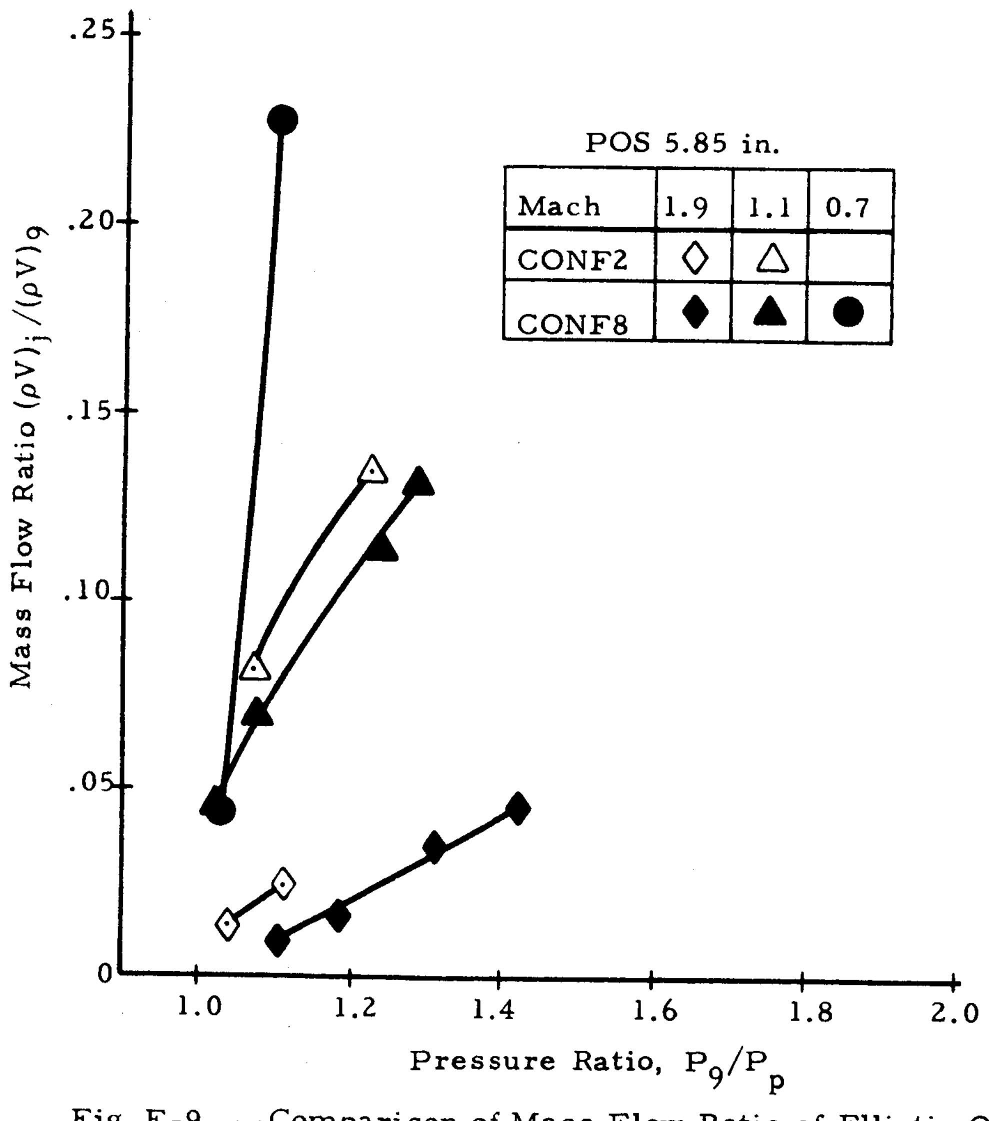

Fig. E-9 - Comparison of Mass Flow Ratio of Elliptic Orifices Aspect Ratio 4:1 with Different Thickness at Plate Position 5.85 Inches.

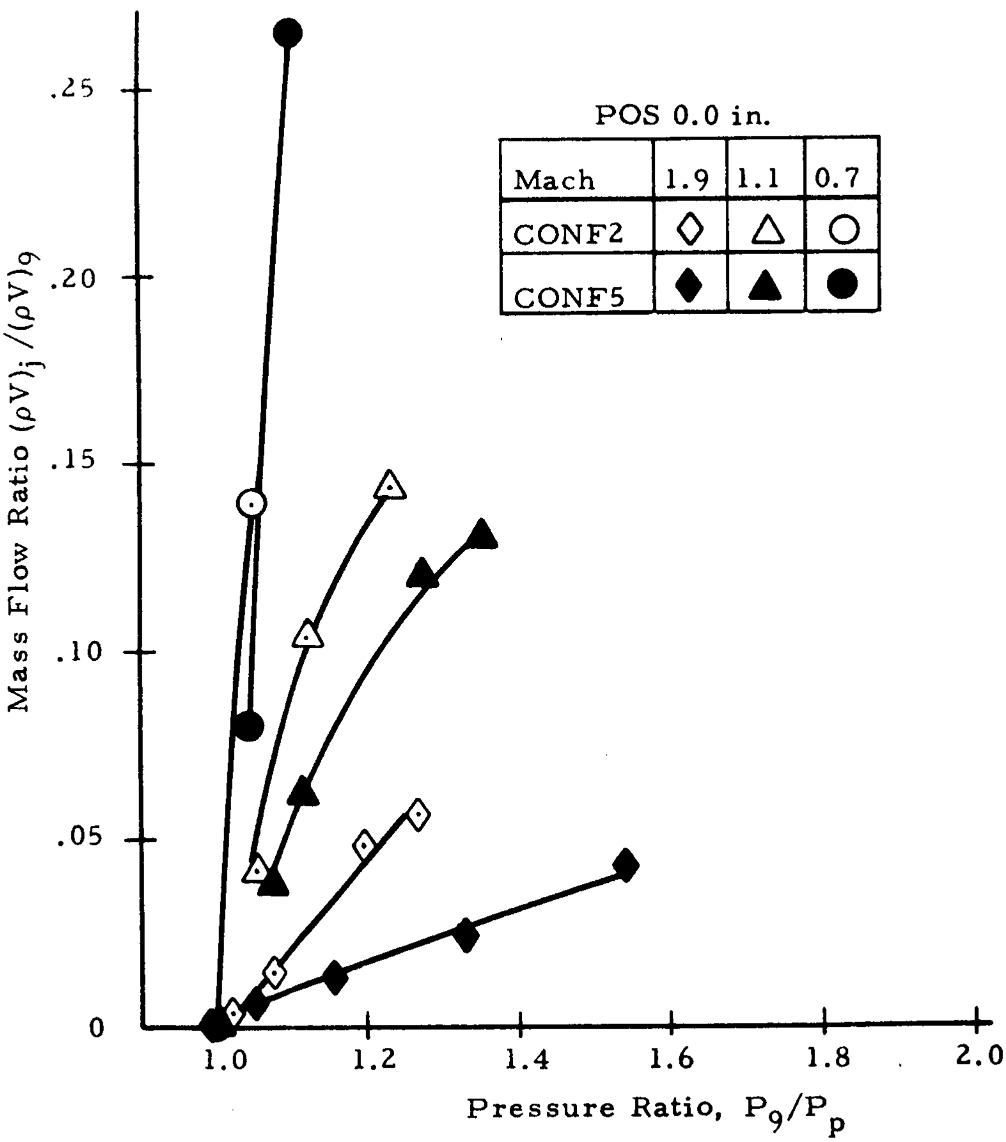

Fig. E-10 - Comparison of Mass Flow Ratio of Elliptic Orifices at Different Orientations at Plate Position 0.0 Inches.

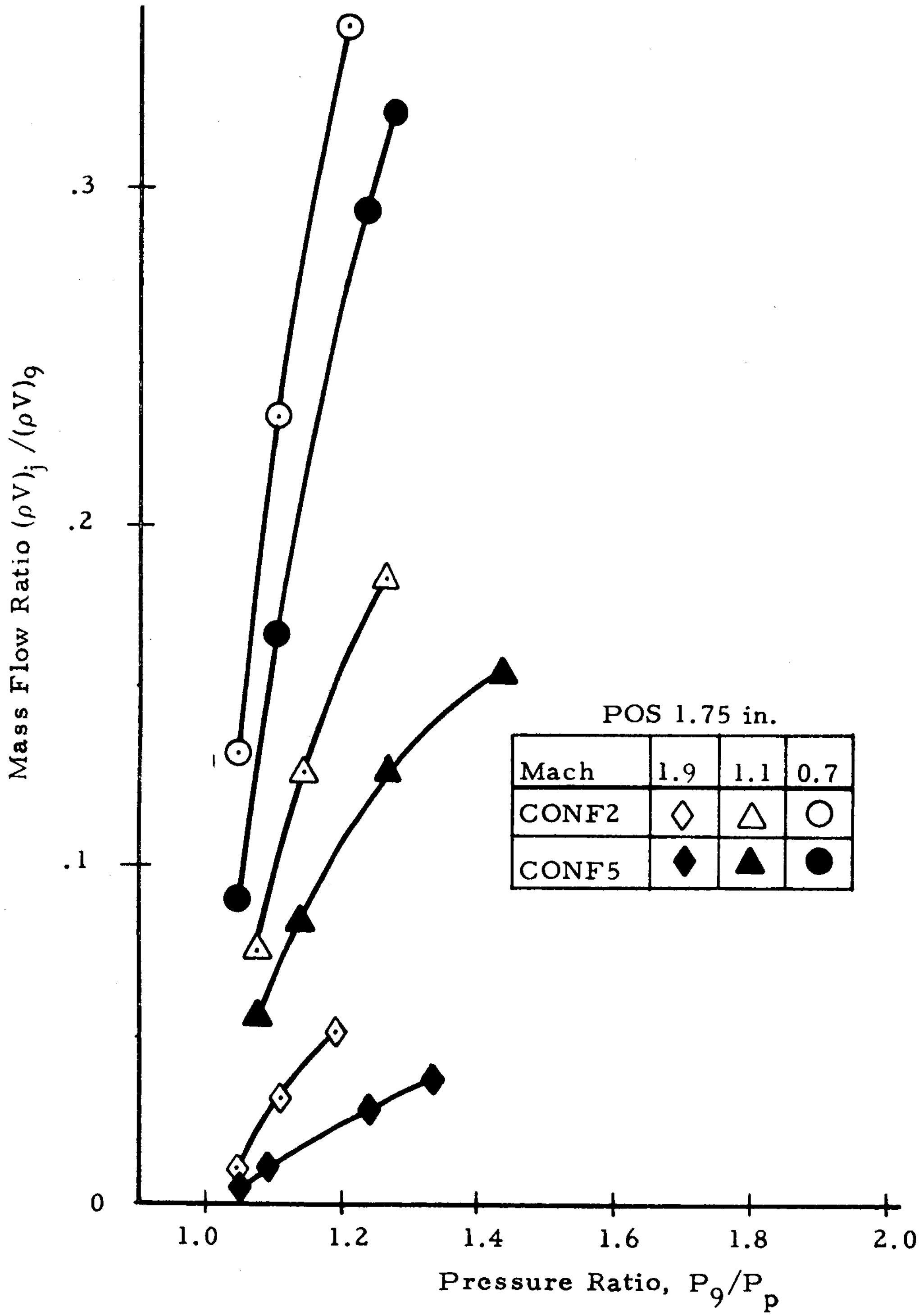

Fig. E-11 - Comparison of Mass Flow Ratio of Elliptic Orifices at Different Orientations at Plate Position 1.75 Inches.

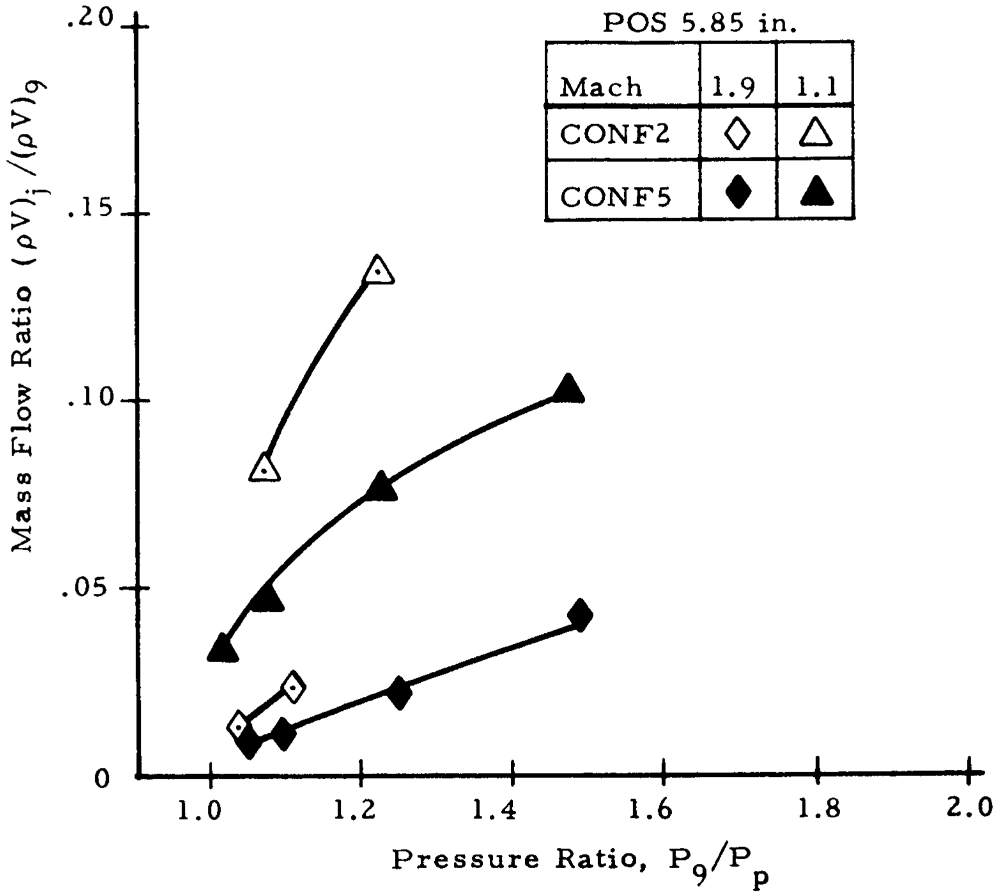

Fig. E-12 - Comparison of Mass Flow Ratio of Elliptic Orifices at Different Orientations at Plate Position 5.85 Inches.

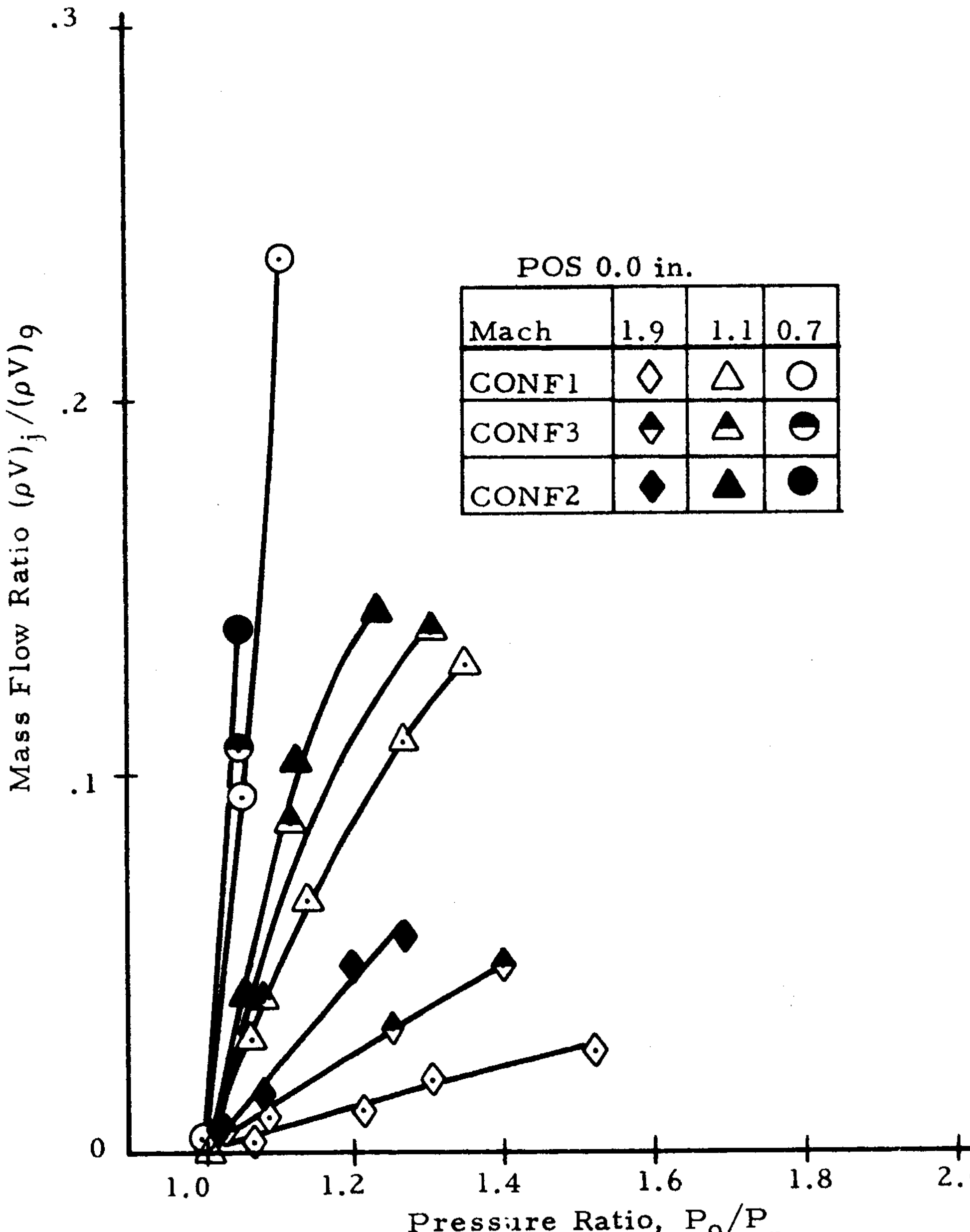

Fig. E-13 - Comparison of Mass Flow Ratio of Elliptic Orifices with Different Aspect Ratios at Plate Position 0.0 Inches.

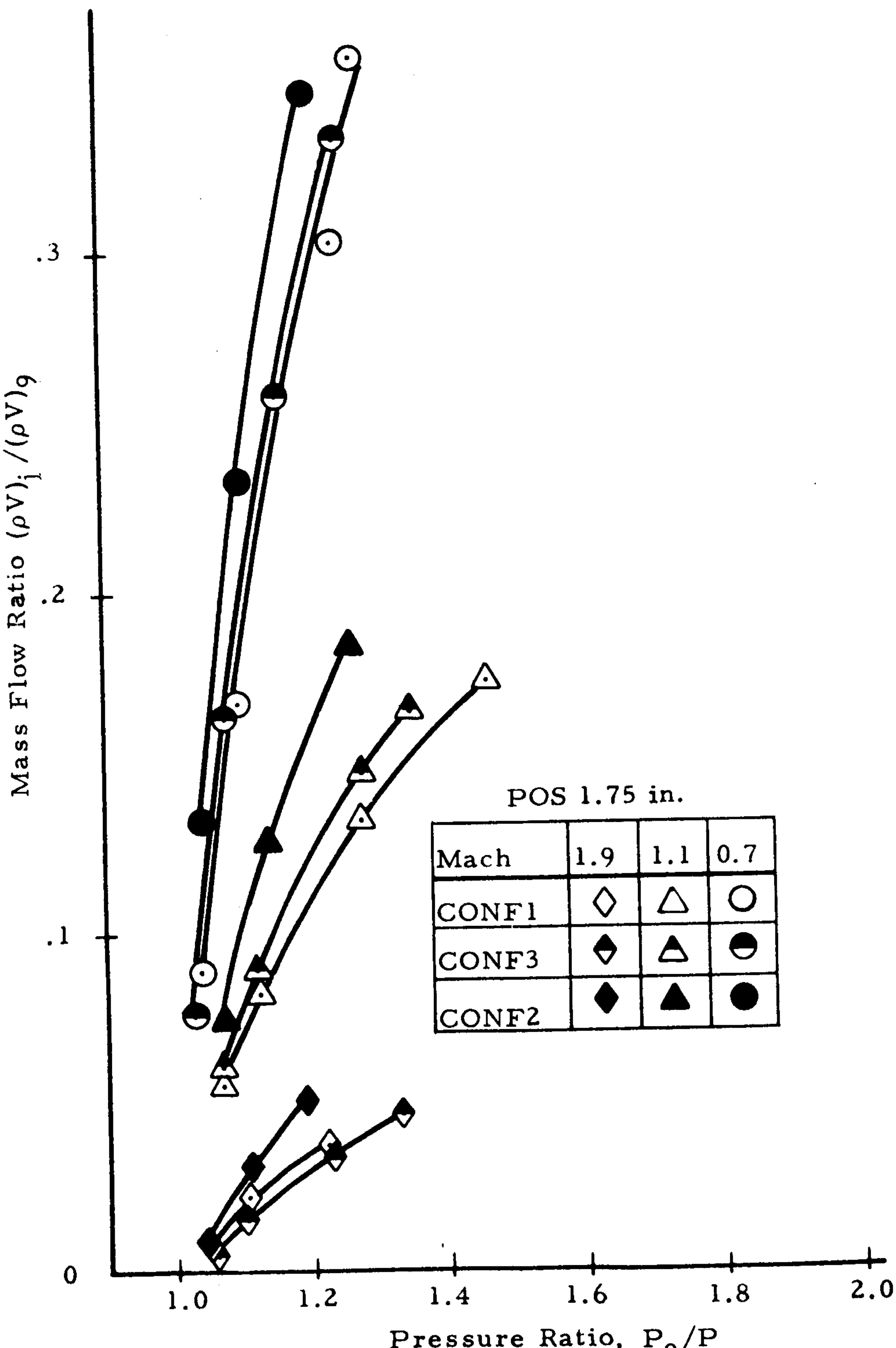

Fig. E-14 - Comparison of Mass Flow Ratio of Elliptic Orifices with Different Aspect Ratios at Plate Position 1.75 Inches.

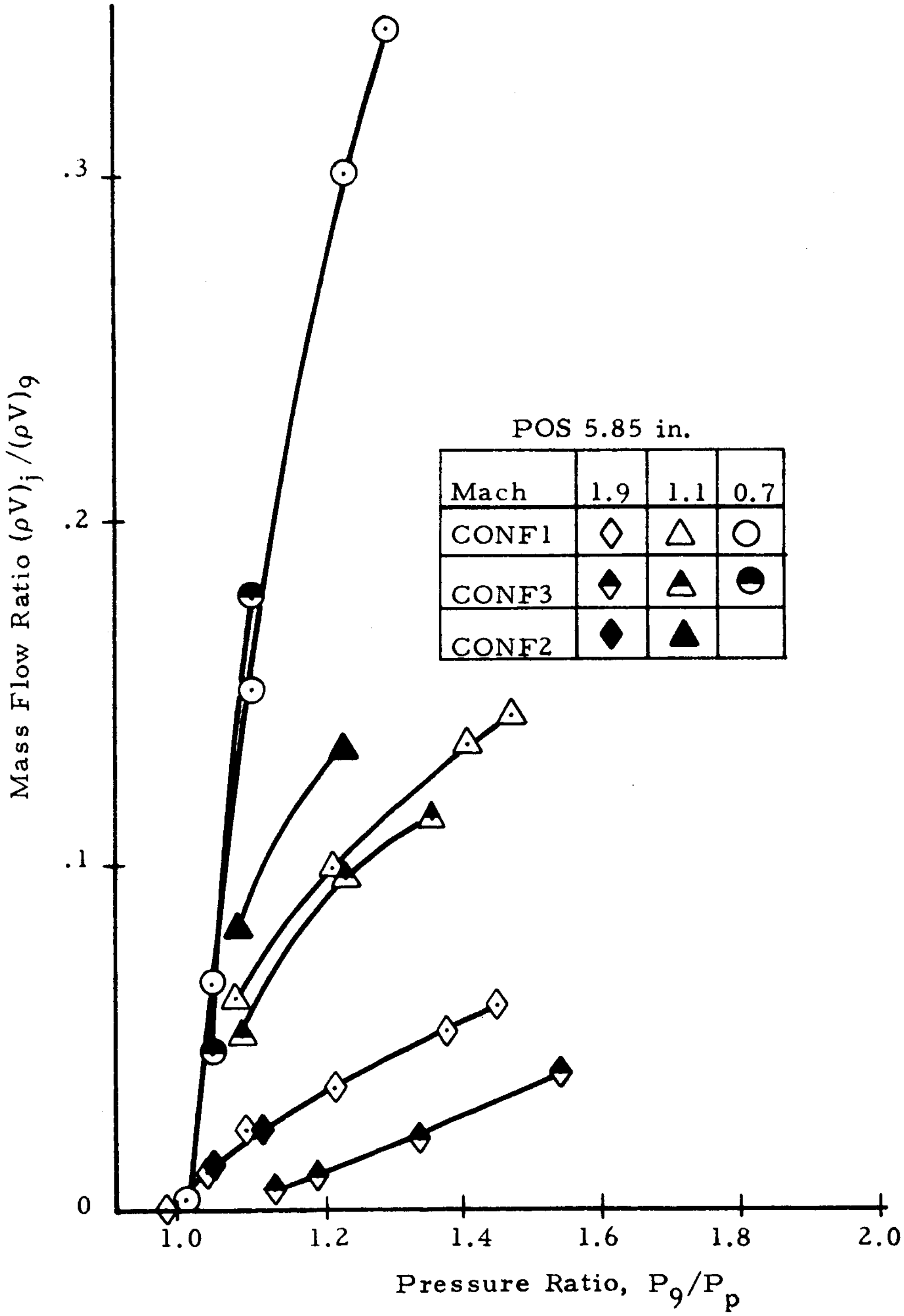

Fig. E-15 - Comparison of Mass Flow Ratio of Elliptic Orifices with Different Aspect Ratios at Plate Position 5.85 Inches.

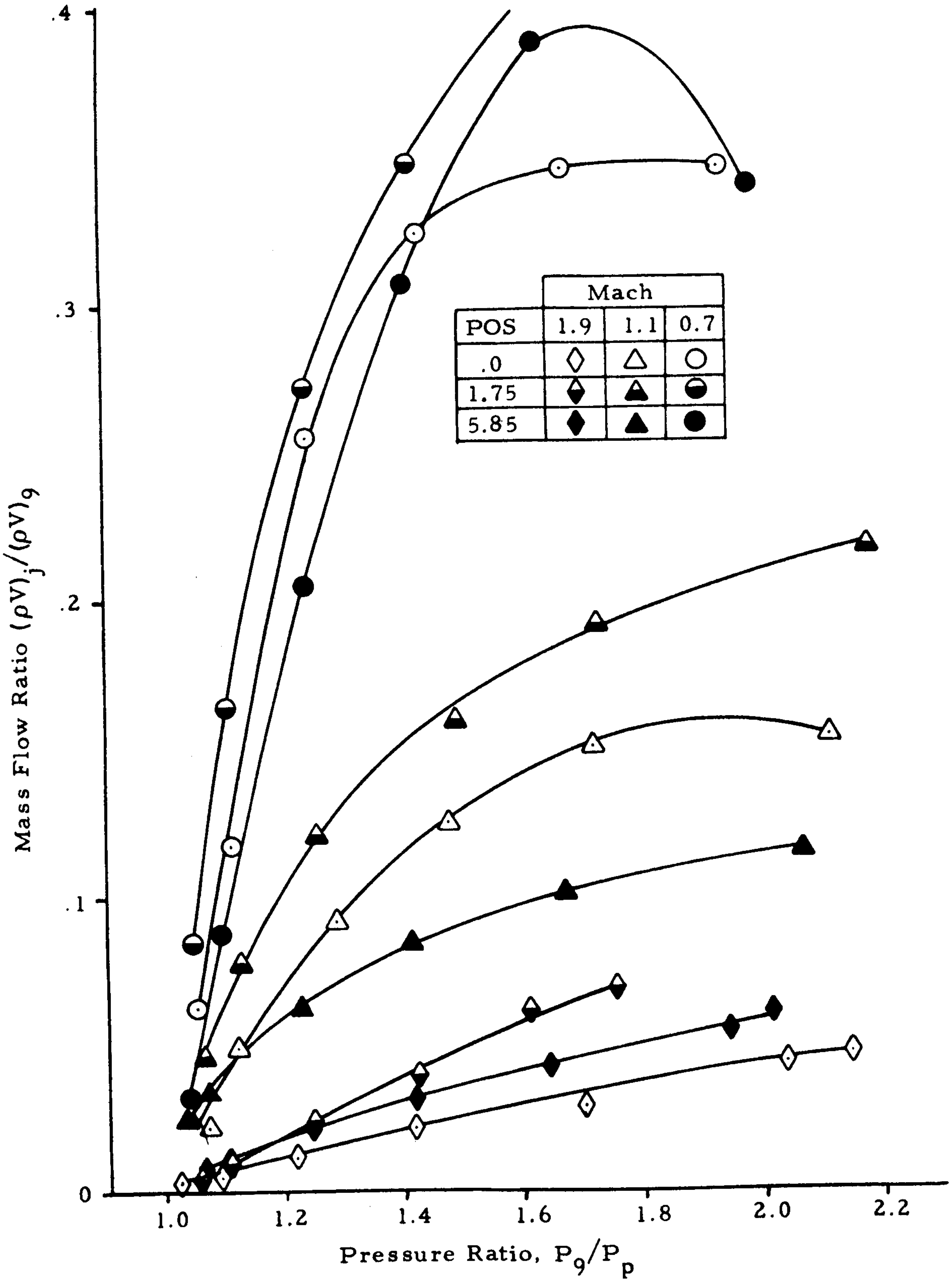

Fig. E-16 - Comparison of Mass Flow Ratio for Configuration 11 at Different Plate Positions

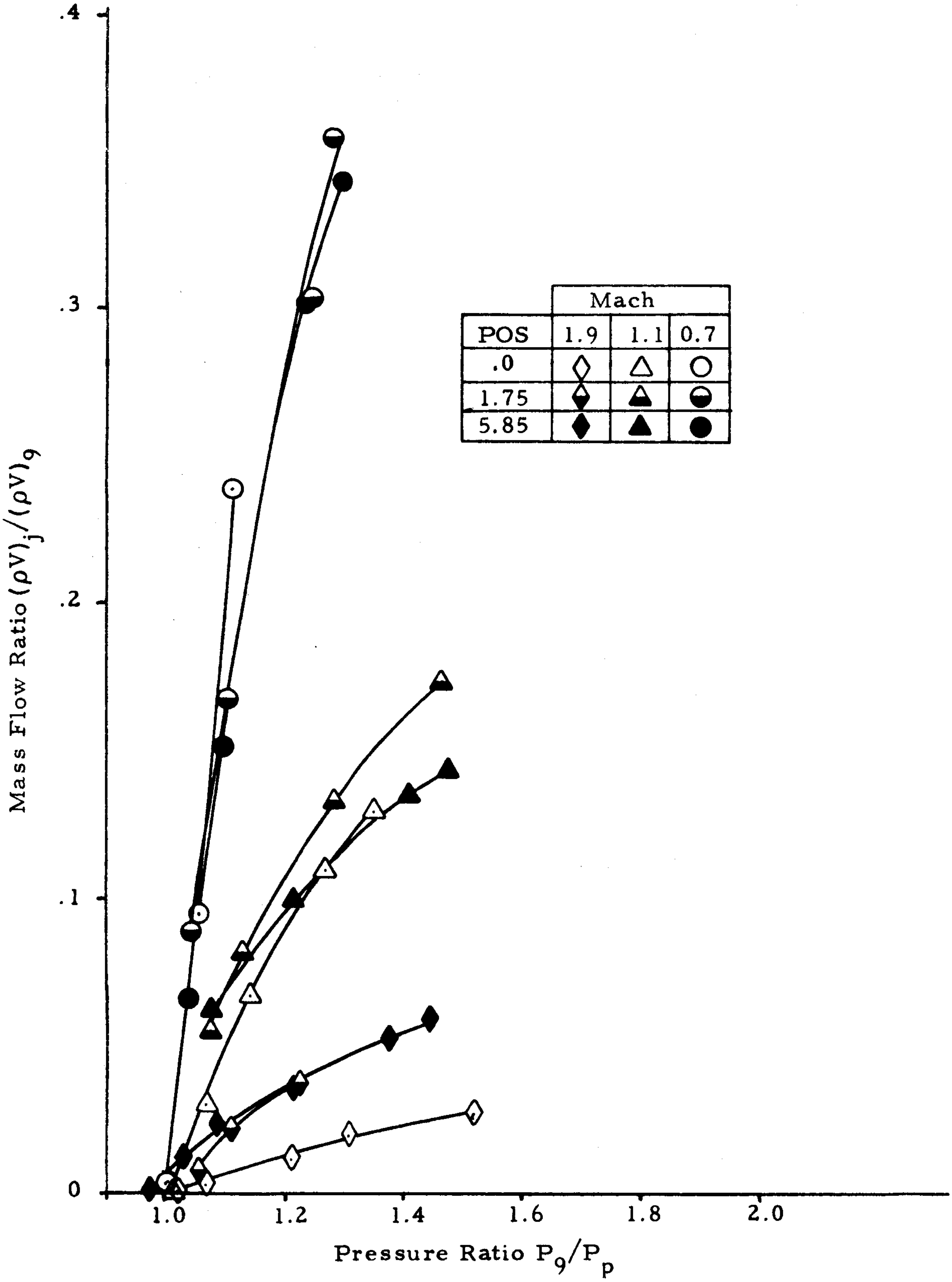

Fig. E-17 - Comparison of Mass Flow Ratio for Configuration 1 at Different Plate Positions

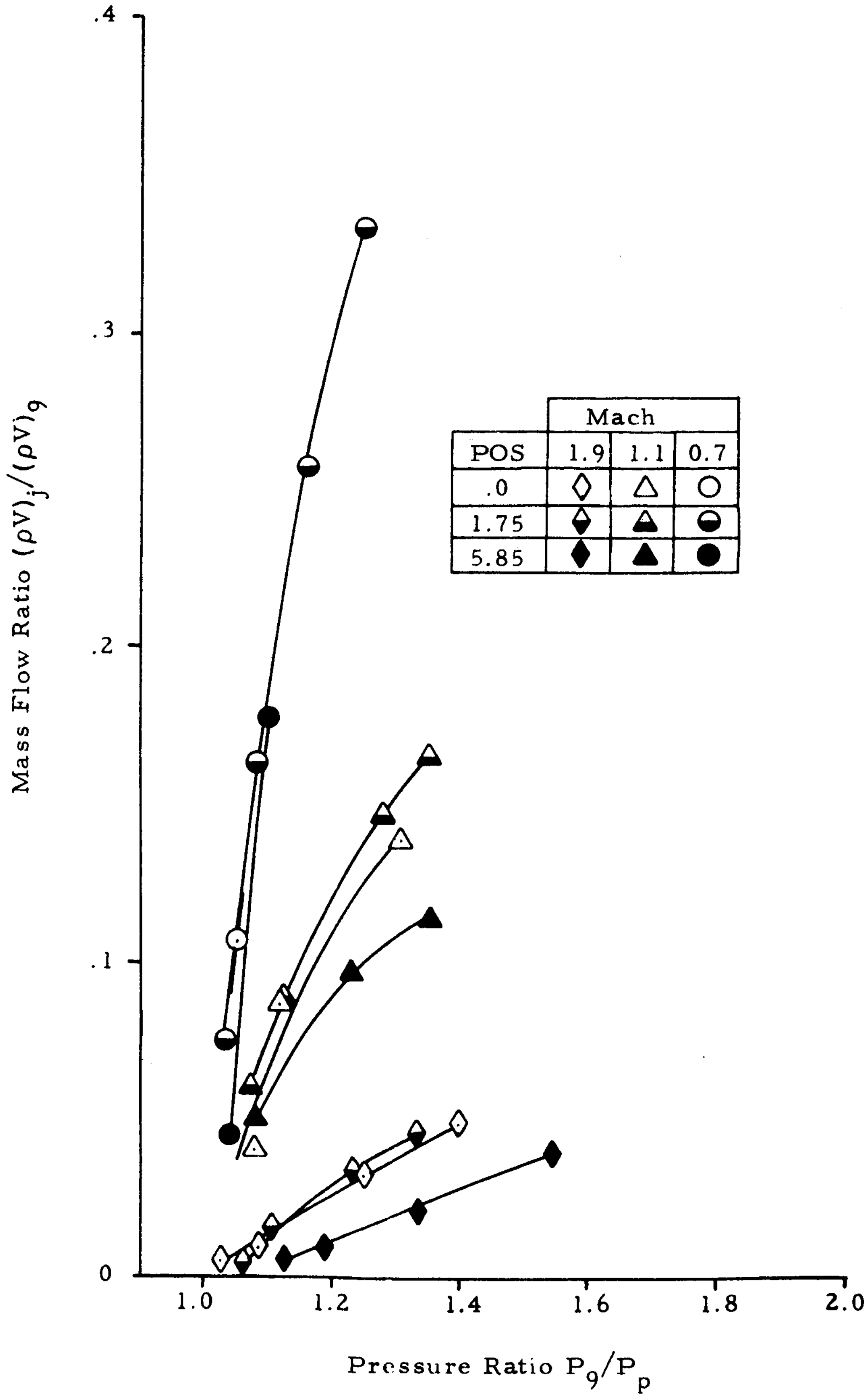

Fig. E-18 - Comparison of Mass Flow Ratio for Configuration 3 at Different Plate Positions

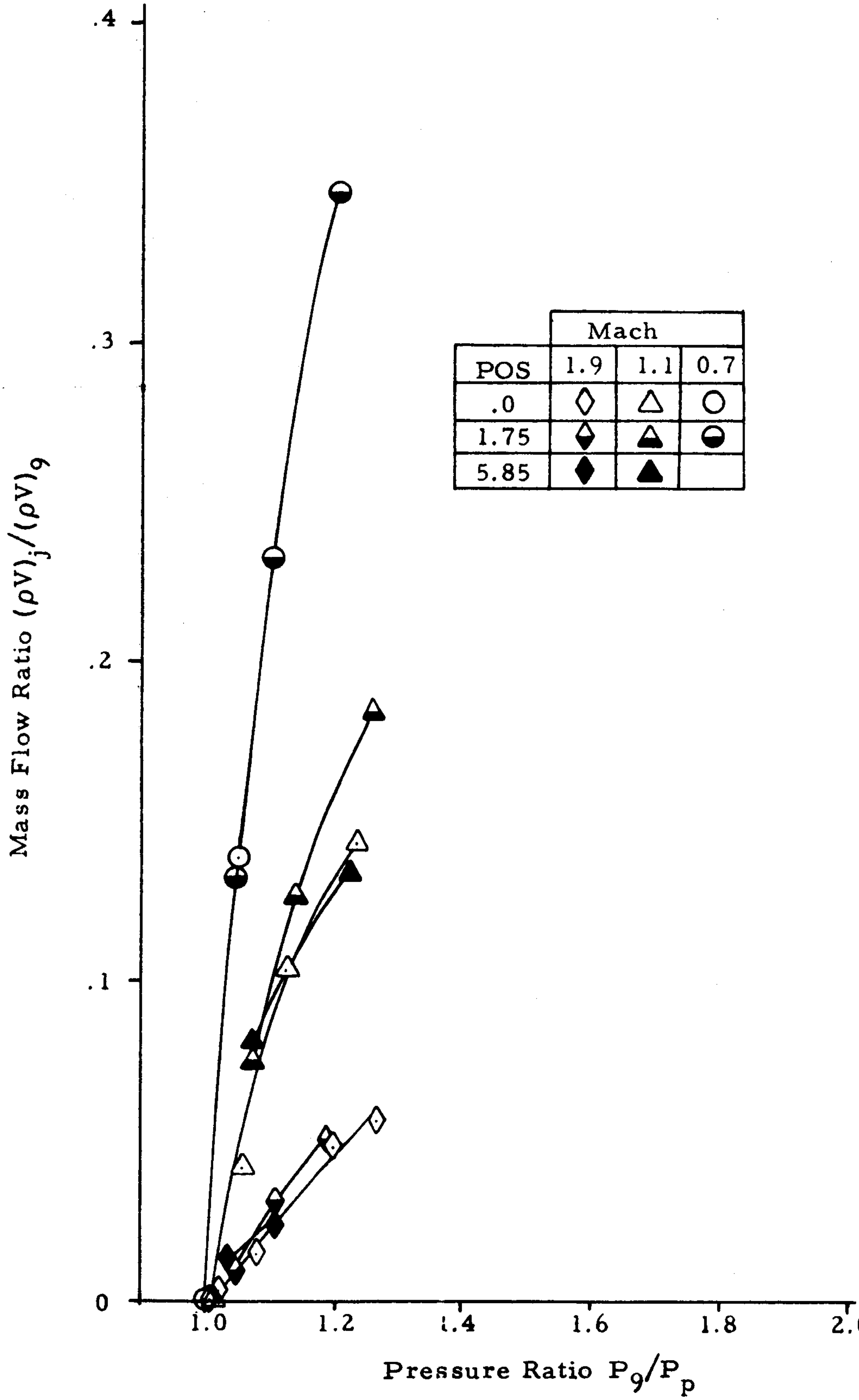

Fig. E-19 - Comparison of Mass Flow Ratio for Configuration 2 at Different Plate Positions

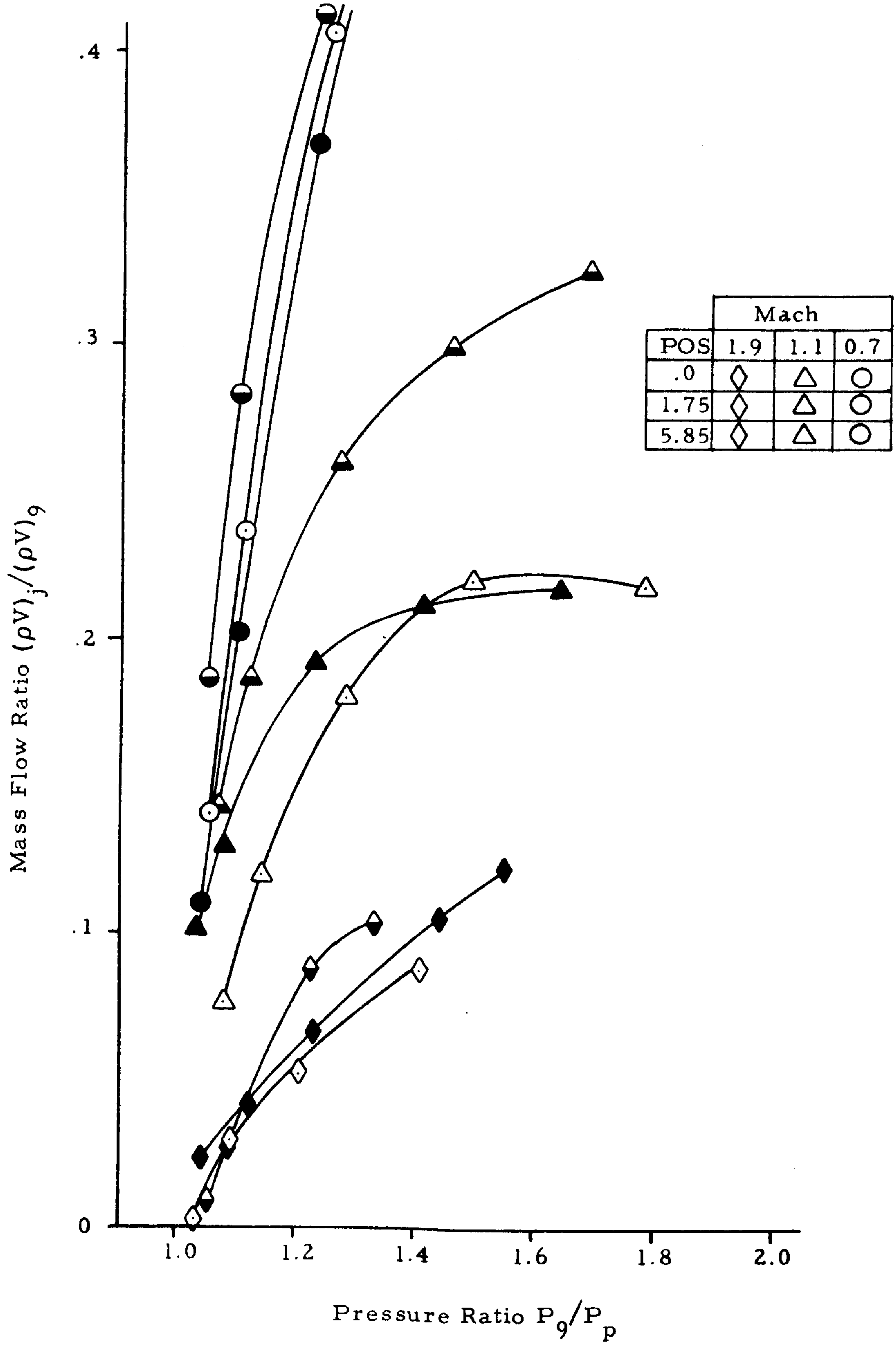

Fig. E-20 - Comparison of Mass Flow Ratio for Configuration 9 at Different Plate Positions

Appendix F

OUTPUT NOTATION

Symbol	Definition	Units
CORR	correlate number; identifies one POS, one CONF, one M, one PP/P	—
CONF	configuration number; identifies vent plate	—
POS	flat plate position from tunnel wall	in.
AREA	area of vent plate orifice	in^2
PT	freestream total pressure	lb/ft^2
P	freestream static pressure	lb/ft^2
TT	freestream total temperature	^oR
T	freestream static temperature	^oR
M	freestream Mach number	—
Q	freestream dynamic pressure	lb/ft^2
V	freestream velocity	ft/sec
RU	freestream Reynolds number per foot	ft^{-1}
P9	flat plate static pressure P_9, located 7.5 inches upstream of orifice	lb/ft^2
P9/P	local to freestream static pressure ratio	—
M9	local Mach number based on P9	—
P16	orifice lip static pressure	lb/ft^2
PXL	orifice extension lip static pressure	lb/ft^2
TP	plenum chamber static temperature	^oR
TP/TT	plenum static to freestream total temperature ratio	—
PP	plenum chamber static pressure	lb/ft^2
MDOT	mass flowrate through orifice	slug/sec
MVJ	orifice unit area mass flowrate	$slug/ft^2$-sec
MVINF	freestream unit area mass flowrate	$slug/ft^2$-sec
MV9	local unit area mass flowrate	$slug/ft^2$-sec
KINF	inflow orifice coefficient based on freestream static pressure	—
K9	coefficient based on local static pressure	—
KDIT	coefficient based on freestream total pressure	—

Appendix G

TEST DATA LISTING

```
CORR CONF  POS          AREA      PT         P      TT      T       PP/P    P/PP       (P-PP)/(PT-P)           MVJ/MVINF      KINF
 257   11  .00          .1964    1535.     232.0   567.6  330.8    .45000  2.2222             .09793               .04556    .19511
         M          Q      V       RU         P9    P9/P     M9     PP/P9   P9/PP     (P9-PP)/(PT-P9)            MVJ/MV9        K9
     1.892      581.3 1686.7 .2672+07     224.5   .9677  1.913    .46503  2.1504             .09164               .04635    .20163
                  P16    PXL      TP   TP/TT      PP     MDOT     PP/PT   PT/PP      (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)      KDIT
                110.4     .0   543.3   .9572   104.4 .42834-04    .06801 14.7031            1.09793              1.09164    .02949

CORR CONF  POS          AREA      PT         P      TT      T       PP/P    P/PP       (P-PP)/(PT-P)           MVJ/MVINF      KINF
 258   11  .00          .1964    1535.     232.0   568.8  331.5    .47543  2.1034             .09340               .04265    .18267
         M          Q      V       RU         P9    P9/P     M9     PP/P9   P9/PP     (P9-PP)/(PT-P9)            MVJ/MV9        K9
     1.892      581.3 1688.4 .2664+07     224.8   .9690  1.912    .49066  2.0381             .08739               .04336    .18852
                  P16    PXL      TP   TP/TT      PP     MDOT     PP/PT   PT/PP      (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)      KDIT
                112.3     .0   543.5   .9555   110.3 .40060-04    .07186 13.9166            1.09340              1.08739    .02761

CORR CONF  POS          AREA      PT         P      TT      T       PP/P    P/PP       (P-PP)/(PT-P)           MVJ/MVINF      KINF
 259   11  .00          .1964    1534.     231.9   568.6  331.5    .56921  1.7568             .07672               .02886    .12402
         M          Q      V       RU         P9    P9/P     M9     PP/P9   P9/PP     (P9-PP)/(PT-P9)            MVJ/MV9        K9
     1.892      581.1 1688.4 .2663+07     224.7   .9690  1.912    .58745  1.7023             .07080               .02933    .12852
                  P16    PXL      TP   TP/TT      PP     MDOT     PP/PT   PT/PP      (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)      KDIT
                135.9     .0   543.2   .9553   132.0 .27092-04    .08605 11.6212            1.07672              1.07080    .01868

CORR CONF  POS          AREA      PT         P      TT      T       PP/P    P/PP       (P-PP)/(PT-P)           MVJ/MVINF      KINF
 260   11  .00          .1964    1535.     232.0   569.0  331.6    .68276  1.4646             .05649               .02106    .09537
         M          Q      V       RU         P9    P9/P     M9     PP/P9   P9/PP     (P9-PP)/(PT-P9)            MVJ/MV9        K9
     1.892      581.3 1688.7 .2663+07     224.8   .9690  1.912    .70463  1.4192             .05068               .02141    .10025
                  P16    PXL      TP   TP/TT      PP     MDOT     PP/PT   PT/PP      (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)      KDIT
                157.2     .0   542.7   .9538   158.4 .19774-04    .10319  9.6907            1.05649              1.05068    .01363

CORR CONF  POS          AREA      PT         P      TT      T       PP/P    P/PP       (P-PP)/(PT-P)           MVJ/MVINF      KINF
 261   11  .00          .1964    1534.     231.9   569.4  331.9    .79560  1.2569             .03640               .01179    .06119
         M          Q      V       RU         P9    P9/P     M9     PP/P9   P9/PP     (P9-PP)/(PT-P9)            MVJ/MV9        K9
     1.892      581.1 1689.5 .2659+07     224.3   .9672  1.913    .82256  1.2157             .03039               .01200    .06668
                  P16    PXL      TP   TP/TT      PP     MDOT     PP/PT   PT/PP      (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)      KDIT
                189.7     .0   541.6   .9512   184.5 .11064-04    .12027  8.3144            1.03640              1.03039    .00763

CORR CONF  POS          AREA      PT         P      TT      T       PP/P    P/PP       (P-PP)/(PT-P)           MVJ/MVINF      KINF
 262   11  .00          .1964    1534.     231.9   569.7  332.1    .88831  1.1257             .01989               .00496    .03281
         M          Q      V       RU         P9    P9/P     M9     PP/P9   P9/PP     (P9-PP)/(PT-P9)            MVJ/MV9        K9
     1.892      581.1 1690.0 .2657+07     224.6   .9685  1.912    .91719  1.0903             .01420               .00505    .03867
                  P16    PXL      TP   TP/TT      PP     MDOT     PP/PT   PT/PP      (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)      KDIT
                209.9     .0   540.8   .9493   206.0 .46544-05    .13429  7.4466            1.01989              1.01420    .00321
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CORR CONF  POS         AREA      PT        P      TT       T      PP/P     P/PP      (P-PP)/(PT-P)        MVJ/MVINF     KINF
 263   11  .00        .1964     1534.     231.9   570.0   332.2  .94610   1.0570          .00960             .00191     .01758
         M           Q      V       RU      P9    P9/P      M9    PP/P9    P9/PP     (P9-PP)/(PT-P9)        MVJ/MV9        K9
     1.892      581.1 1690.2 .2655+07     224.5   .9681   1.913  .97728   1.0232          .00389             .00194     .02748
                  P16    PXL      TP    IP/TT      PP     MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                222.4     .0   540.6    .9484   219.4 .17914-05  .14302   6.9918         1.00960            1.00389     .00124

CORR CONF  POS         AREA      PT        P      TT       T      PP/P     P/PP      (P-PP)/(PT-P)        MVJ/MVINF     KINF
 264   11  .00        .1964     1551.     366.3   570.0   377.4  .42069   2.3770          .17912             .07451     .25269
         M           Q      V       RU      P9    P9/P      M9    PP/P9    P9/PP     (P9-PP)/(PT-P9)        MVJ/MV9        K9
     1.597      654.0 1520.6 .2977+07     361.6   .9872   1.606  .42616   2.3465          .17446             .07491     .25598
                  P16    PXL      TP    IP/TT      PP     MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                161.0     .0   545.6    .9572   154.1 .87404-04  .09936  10.0649         1.17912            1.17446     .05968

CORR CONF  POS         AREA      PT        P      TT       T      PP/P     P/PP      (P-PP)/(PT-P)        MVJ/MVINF     KINF
 265   11  .00        .1964     1550.     366.3   569.9   377.5  .49065   2.0373          .15756             .06654     .22563
         M           Q      V       RU      P9    P9/P      M9    PP/P9    P9/PP     (P9-PP)/(PT-P9)        MVJ/MV9        K9
     1.597      654.0 1520.8 .2976+07     361.5   .9869   1.606  .49737   2.0106          .15288             .06692     .22863
                  P16    PXL      TP    IP/TT      PP     MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                183.8     .0   545.7    .9575   179.8 .78052-04  .11600   8.6207         1.15756            1.15288     .05332

CORR CONF  POS         AREA      PT        P      TT       T      PP/P     P/PP      (P-PP)/(PT-P)        MVJ/MVINF     KINF
 266   11  .00        .1964     1550.     366.3   570.3   377.6  .59405   1.6834          .12562             .05332     .18257
         M           Q      V       RU      P9    P9/P      M9    PP/P9    P9/PP     (P9-PP)/(PT-P9)        MVJ/MV9        K9
     1.597      654.0 1521.1 .2975+07     361.4   .9866   1.606  .60210   1.6608          .12098             .05363     .18551
                  P16    PXL      TP    IP/TT      PP     MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                222.9     .0   545.1    .9558   217.6 .62527-04  .14039   7.1232         1.12562            1.12098     .04273

CORR CONF  POS         AREA      PT        P      TT       T      PP/P     P/PP      (P-PP)/(PT-P)        MVJ/MVINF     KINF
 267   11  .00        .1964     1550.     366.3   570.2   377.6  .69342   1.4421          .09487             .03645     .13185
         M           Q      V       RU      P9    P9/P      M9    PP/P9    P9/PP     (P9-PP)/(PT-P9)        MVJ/MV9        K9
     1.597      654.0 1521.1 .2975+07     361.0   .9855   1.607  .70360   1.4213          .08999             .03668     .13498
                  P16    PXL      TP    IP/TT      PP     MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                258.6     .0   544.7    .9553   254.0 .42750-04  .16387   6.1024         1.09487            1.08999     .02921

CORR CONF  POS         AREA      PT        P      TT       T      PP/P     P/PP      (P-PP)/(PT-P)        MVJ/MVINF     KINF
 268   11  .00        .1964     1550.     366.3   570.4   377.8  .80153   1.2476          .06142             .02031     .08436
         M           Q      V       RU      P9    P9/P      M9    PP/P9    P9/PP     (P9-PP)/(PT-P9)        MVJ/MV9        K9
     1.597      654.0 1521.5 .2972+07     361.2   .9861   1.606  .81285   1.2302          .05686             .02044     .08743
                  P16    PXL      TP    IP/TT      PP     MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                295.5     .0   544.1    .9539   293.6 .23817-04  .18942   5.2793         1.06142            1.05686     .01628
```

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CORR CONF   POS          AREA       PT         P       TT      T      PP/P     P/PP      (P-PP)/(PT-P)               MVJ/MVINF      KINF
 269   11   .00          .1964     1550.     366.3   570.5  377.8   .90773   1.1017           .02855                  .00926    .05271
         M           Q      V        RO         P9     P9/P     MQ    PP/P9    P9/PP   (P9-PP)/(PT-P9)               MVJ/MV9        K9
     1.597       654.0 1521.5 .2972+07     361.4    .9866  1.606   .92003   1.0869           .02431                  .00931    .05698
                   P16    PXL       TP    TP/TT       PP    MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)         KDIT
                 335.6     .0    543.1    .9520    332.5 .10854-04  .21452   4.6617          1.02855               1.02431    .00742

CORR CONF   POS          AREA       PT         P       TT      T      PP/P     P/PP      (P-PP)/(PT-P)               MVJ/MVINF      KINF
 270   11   .00          .1964     1550.     366.3   570.6  377.9   .95004   1.0526           .01546                  .00449    .03389
         M           Q      V        RO         P9     P9/P     MQ    PP/P9    P9/PP   (P9-PP)/(PT-P9)               MVJ/MV9        K9
     1.597       654.0 1521.7 .2971+07     362.4    .9894  1.604   .96026   1.0414           .01213                  .00451    .03819
                   P16    PXL       TP    TP/TT       PP    MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)         KDIT
                 349.9     .0    542.4    .9506    348.0 .52623-05  .22452   4.4540          1.01546               1.01213    .00360

CORR CONF   POS          AREA       PT         P       TT      T      PP/P     P/PP      (P-PP)/(PT-P)               MVJ/MVINF      KINF
 271   11   .00          .1964     1558.     562.3   566.5  423.4   .42682   2.3429           .32369                  .10186    .26468
         M           Q      V        RO         P9     P9/P     MQ    PP/P9    P9/PP   (P9-PP)/(PT-P9)               MVJ/MV9        K9
     1.300       665.2 1311.1 .3191+07     553.4    .9842  1.312   .43368   2.3058           .31196                  .10234    .26894
                   P16    PXL       TP    TP/TT       PP    MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)         KDIT
                 247.9     .0    548.7    .9686    240.0 .14097-03  .15404   6.4917          1.32369               1.31196    .09553

CORR CONF   POS          AREA       PT         P       TT      T      PP/P     P/PP      (P-PP)/(PT-P)               MVJ/MVINF      KINF
 272   11   .00          .1964     1558.     563.0   566.2  423.3   .48934   2.0436           .28894                  .08768    .22761
         M           Q      V        RO         P9     P9/P     MQ    PP/P9    P9/PP   (P9-PP)/(PT-P9)               MVJ/MV9        K9
     1.299       665.0 1310.0 .3194+07     553.9    .9838  1.311   .49738   2.0105           .27726                  .08809    .23135
                   P16    PXL       TP    TP/TT       PP    MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)         KDIT
                 287.2     .0    548.5    .9687    275.5 .12141-03  .17683   5.6552          1.28894               1.27726    .08225

CORR CONF   POS          AREA       PT         P       TT      T      PP/P     P/PP      (P-PP)/(PT-P)               MVJ/MVINF      KINF
 273   11   .00          .1964     1558.     563.0   565.7  423.0   .58899   1.6978           .23256                  .07820    .20466
         M           Q      V        RO         P9     P9/P     MQ    PP/P9    P9/PP   (P9-PP)/(PT-P9)               MVJ/MV9        K9
     1.299       665.0 1309.5 .3197+07     553.6    .9833  1.311   .59899   1.6695           .22103                  .07858    .20876
                   P16    PXL       TP    TP/TT       PP    MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)         KDIT
                 335.9     .0    548.2    .9691    331.6 .10833-03  .21284   4.6984          1.23256               1.22103    .07335

CORR CONF   POS          AREA       PT         P       TT      T      PP/P     P/PP      (P-PP)/(PT-P)               MVJ/MVINF      KINF
 274   11   .00          .1964     1558.     562.3   565.8  422.8   .69198   1.4451           .17395                  .06332    .17529
         M           Q      V        RO         P9     P9/P     MQ    PP/P9    P9/PP   (P9-PP)/(PT-P9)               MVJ/MV9        K9
     1.300       665.2 1310.2 .3197+07     553.4    .9842  1.312   .70311   1.4223           .16355                  .06362    .17984
                   P16    PXL       TP    TP/TT       PP    MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)         KDIT
                 398.0     .0    547.7    .9680    389.1 .87688-04  .24974   4.0041          1.17395               1.16355    .05938
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CORR CONF  POS         AREA     PT        P       TT       T       PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF     KINF
 275   11  .00        .1964    1558.     563.0   565.5   422.9    .79964  1.2506         .11337             .04902    .15530
        M           Q     V      RU        P9     P9/P      M9     PP/P9   P9/PP    (P9-PP)/(PT-P9)          MVJ/MV9       K9
     1.299       665.0 1309.3 .3198+07   553.4    .9829   1.312   .81352  1.2292         .10273             .04926    .16225
                  P16    PXL     TP     TP/TT       PP     MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                 448.3    .0   546.9    .9671    450.2 .67917-04  .28896  3.4607        1.11337            1.10273    .04598

CORR CONF  POS         AREA     PT        P       TT       T       PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF     KINF
 276   11  .00        .1964    1558.     562.3   565.3   422.5    .89045  1.1230         .06187             .01749    .07076
        M           Q     V      RU        P9     P9/P      M9     PP/P9   P9/PP    (P9-PP)/(PT-P9)          MVJ/MV9       K9
     1.300       665.2 1309.7 .3200+07   553.4    .9842   1.312   .90477  1.1053         .05246             .01757    .07646
                  P16    PXL     TP     TP/TT       PP     MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                 502.2    .0   546.1    .9660    500.7 .24230-04  .32137  3.1116        1.06187            1.05246    .01640

CORR CONF  POS         AREA     PT        P       TT       T       PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF     KINF
 277   11  .00        .1964    1558.     562.3   565.2   422.4    .94505  1.0581         .03103             .00616    .03407
        M           Q     V      RU        P9     P9/P      M9     PP/P9   P9/PP    (P9-PP)/(PT-P9)          MVJ/MV9       K9
     1.300       665.2 1309.6 .3201+07   553.5    .9843   1.312   .96007  1.0416         .02200             .00619    .04026
                  P16    PXL     TP     TP/TT       PP     MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                 534.2    .0   545.1    .9644    531.4 .85317-05  .34108  2.9319        1.03103            1.02200    .00577

CORR CONF  POS         AREA     PT        P       TT       T       PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF     KINF
 278   11  .00        .1964    1558.     728.1   563.2   453.2    .47741  2.0946         .45849             .15448    .32793
        M           Q     V      RU        P9     P9/P      M9     PP/P9   P9/PP    (P9-PP)/(PT-P9)          MVJ/MV9       K9
     1.102       618.9 1149.9 .3204+07   736.2   1.0111   1.093   .47215  2.1180         .47286             .15430    .32433
                  P16    PXL     TP     TP/TT       PP     MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                 348.4    .0   549.7    .9760    347.6 .22682-03  .22311  4.4822        1.45849            1.47286    .15325

CORR CONF  POS         AREA     PT        P       TT       T       PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF     KINF
 279   11  .00        .1964    1559.     728.1   562.7   452.7    .58454  1.7108         .36406             .15116    .32318
        M           Q     V      RU        P9     P9/P      M9     PP/P9   P9/PP    (P9-PP)/(PT-P9)          MVJ/MV9       K9
     1.102       618.9 1149.2 .3209+07   732.2   1.0056   1.098   .58126  1.7204         .37083             .15101    .32111
                  P16    PXL     TP     TP/TT       PP     MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                 434.0    .0   549.7    .9769    425.6 .22207-03  .27300  3.6631        1.36406            1.37083    .14988

CORR CONF  POS         AREA     PT        P       TT       T       PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF     KINF
 280   11  .00        .1964    1559.     727.4   562.2   452.2    .68669  1.4563         .27405             .12535    .28259
        M           Q     V      RU        P9     P9/P      M9     PP/P9   P9/PP    (P9-PP)/(PT-P9)          MVJ/MV9       K9
     1.103       619.5 1149.6 .3213+07   737.8   1.0143   1.092   .67701  1.4771         .29019             .12512    .27655
                  P16    PXL     TP     TP/TT       PP     MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                 500.0    .0   549.4    .9772    499.5 .18424-03  .32040  3.1211        1.27405            1.29019    .12429
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CORR CONF  POS         AREA      PT        P      TT      T        PP/P    P/PP      (P-PP)/(PT-P)          MVJ/MVINF     KINF
281   11   .00        .1964    1558.    729.4   562.1   452.6    .78818  1.2687              .18646             .09175   .23252
       M            Q     V       RU       P9    P9/P      M9    PP/P9   P9/PP    (P9-PP)/(PT-P9)           MVJ/MV9       K9
     1.100      617.8 1147.0 .3209+07   739.9  1.0144   1.089    .77700  1.2870              .20169             .09156   .22514
                  P16   PXL     TP    TP/TT      PP      MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
                571.8    .0   548.8   .9763   574.9 .13480-03    .36900  2.7100             1.18646            1.20169   .09099

CORR CONF  POS         AREA      PT        P      TT      T        PP/P    P/PP      (P-PP)/(PT-P)          MVJ/MVINF     KINF
282   11   .00        .1964    1559.    728.8   562.0   452.3    .89764  1.1140              .08986             .04896   .16667
       M            Q     V       RU       P9    P9/P      M9    PP/P9   P9/PP    (P9-PP)/(PT-P9)           MVJ/MV9       K9
     1.102      619.5 1148.7 .3215+07   732.3  1.0048   1.098    .89335  1.1194              .09447             .04895   .16292
                  P16   PXL     TP    TP/TT      PP      MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
                657.7    .0   548.1   .9753   654.2 .72023-04    .41963  2.3831             1.08986            1.09447   .04858

CORR CONF  POS         AREA      PT        P      TT      T        PP/P    P/PP      (P-PP)/(PT-P)          MVJ/MVINF     KINF
283   11   .00        .1964    1559.    728.8   562.4   452.6    .94306  1.0604              .04999             .02158   .09582
       M            Q     V       RU       P9    P9/P      M9    PP/P9   P9/PP    (P9-PP)/(PT-P9)           MVJ/MV9       K9
     1.101      618.4 1148.1 .3210+07   736.4  1.0104   1.093    .93332  1.0714              .05969             .02154   .08813
                  P16   PXL     TP    TP/TT      PP      MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
                688.5    .0   547.3   .9732   687.3 .31706-04    .44086  2.2683             1.04999            1.05969   .02139

CORR CONF  POS         AREA      PT        P      TT      T        PP/P    P/PP      (P-PP)/(PT-P)          MVJ/MVINF     KINF
284   11   .00        .1964    1545.    913.9   560.5   482.5    .49754  2.0099              .72762             .22628   .37929
       M            Q     V       RU       P9    P9/P      M9    PP/P9   P9/PP    (P9-PP)/(PT-P9)           MVJ/MV9       K9
      .900      518.2  969.0 .3028+07   907.5   .9930    .906    .50105  1.9958              .71027             .22611   .38197
                  P16   PXL     TP    TP/TT      PP      MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
                457.8    .0   550.5   .9822   454.7 .33009-03    .29430  3.3978             1.72762            1.71027   .22436

CORR CONF  POS         AREA      PT        P      TT      T        PP/P    P/PP      (P-PP)/(PT-P)          MVJ/MVINF     KINF
285   11   .00        .1964    1544.    911.4   560.1   481.7    .58898  1.6978              .59216             .23274   .39439
       M            Q     V       RU       P9    P9/P      M9    PP/P9   P9/PP    (P9-PP)/(PT-P9)           MVJ/MV9       K9
      .902      519.1  970.3 .3033+07   910.3   .9988    .903    .58970  1.6958              .58940             .23284   .39494
                  P16   PXL     TP    TP/TT      PP      MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
                539.1    .0   550.7   .9832   536.8 .33961-03    .34767  2.8763             1.59216            1.58940   .23090

CORR CONF  POS         AREA      PT        P      TT      T        PP/P    P/PP      (P-PP)/(PT-P)          MVJ/MVINF     KINF
286   11   .00        .1964    1545.    913.3   559.8   481.7    .69649  1.4358              .43882             .19520   .34998
       M            Q     V       RU       P9    P9/P      M9    PP/P9   P9/PP    (P9-PP)/(PT-P9)           MVJ/MV9       K9
      .900      517.8  968.2 .3032+07   910.3   .9967    .903    .69878  1.4311              .43202             .19506   .35184
                  P16   PXL     TP    TP/TT      PP      MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
                640.2    .0   550.4   .9832   636.1 .28479-03    .41172  2.4289             1.43882            1.43202   .19345
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CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
287	11	.00		.1964	1546.	914.0	559.5	481.5	.78972	1.2663	.30411	.13867	.27885
	M		Q	V	RU	P9	P9/P	MQ	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	.900		518.2	966.0	.3036+07	910.0	.9956	.904	.79319	1.2607	.29591	.13856	.28174
			P16	PXL	TP	IP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			722.9	.0	550.0	.9830	721.8	.20252-03	.46688	2.1419	1.30411	1.29591	.13744

CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
288	11	.00		.1964	1546.	913.4	559.3	481.3	.88997	1.1236	.15887	.06785	.17699
	M		Q	V	RU	P9	P9/P	MQ	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	.901		514.0	968.8	.3039+07	907.4	.9934	.907	.89566	1.1163	.14798	.06780	.18247
			P16	PXL	TP	IP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			817.5	.0	549.2	.9819	812.9	.99160-04	.52581	1.9018	1.15887	1.14798	.06728

CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
289	11	.00		.1964	1545.	912.1	559.2	481.0	.94902	1.0537	.07347	.03308	.12262
	M		Q	V	RU	P9	P9/P	MQ	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	.902		519.5	969.6	.3041+07	910.4	.9981	.903	.95079	1.0518	.07060	.03310	.12492
			P16	PXL	TP	IP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			869.2	.0	548.6	.9810	865.6	.48347-04	.56026	1.7849	1.07347	1.07060	.03290

CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
290	11	.00		.1964	1560.	1124.0	555.1	505.4	.51450	1.9436	1.25161	.34768	.44137
	M		Q	V	RU	P9	P9/P	MQ	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	.701		386.6	772.4	.2733+07	1122.0	.9982	.703	.51542	1.9402	1.24132	.34742	.44216
			P16	PXL	TP	IP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			588.1	.0	549.7	.9903	578.3	.47471-03	.37071	2.6976	2.25161	2.24132	.31802

CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
291	11	.00		.1964	1560.	1124.0	554.8	505.2	.59555	1.6791	1.04266	.34615	.44386
	M		Q	V	RU	P9	P9/P	MQ	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	.701		386.6	772.3	.2734+07	1123.0	.9991	.702	.59608	1.6776	1.03799	.34610	.44433
			P16	PXL	TP	IP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			673.5	.0	549.8	.9910	669.4	.47272-03	.42910	2.3304	2.04266	2.03799	.31660

CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
292	11	.00		.1964	1560.	1124.0	554.5	505.0	.69698	1.4348	.78119	.32557	.44150
	M		Q	V	RU	P9	P9/P	MQ	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	.700		385.5	771.0	.2731+07	1123.0	.9991	.702	.69760	1.4335	.77712	.32503	.44213
			P16	PXL	TP	IP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			788.8	.0	549.5	.9910	783.4	.44407-03	.50218	1.9913	1.78119	1.77712	.29733

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CORR CONF  POS            AREA       PT         P        TT        T       PP/P     P/PP      (P-PP)/(PT-P)         MVJ/MVINF     KINF
 293   11  .00            .1964     1560.     1124.0    554.1    504.7    .80249   1.2461          .50917              .25641    .39871
        M           Q       V         RU        P9       P9/P       MO    PP/P9     P9/PP    (P9-PP)/(PT-P9)        MVJ/MV9       K9
      .700        385.5   770.8  .2733+07    1123.0    .9991     .702    .80321   1.2450          .50572              .25597    .39960
                   P16     PXL        TP     IP/TT       PP       MDOT    PP/PT     PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
                  902.8     .0     549.3     .9913    902.0 .34984-03   .57821   1.7295         1.50917            1.50572    .23545

CORR CONF  POS            AREA       PT         P        TT        T       PP/P     P/PP      (P-PP)/(PT-P)         MVJ/MVINF     KINF
 294   11  .00            .1964     1560.     1124.0    553.9    504.4    .89947   1.1118          .25917              .11680    .23969
        M           Q       V         RU        P9       P9/P       MO    PP/P9     P9/PP    (P9-PP)/(PT-P9)        MVJ/MV9       K9
      .701        386.6   771.7  .2739+07    1123.0    .9991     .702    .90027   1.1108          .25629              .11678    .24074
                   P16     PXL        TP     IP/TT       PP       MDOT    PP/PT     PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
                 1015.0     .0     548.7     .9906   1011.0 .15964-03   .64808   1.5430         1.25917            1.25629    .11039

CORR CONF  POS            AREA       PT         P        TT        T       PP/P     P/PP      (P-PP)/(PT-P)         MVJ/MVINF     KINF
 295   11  .00            .1964     1560.     1124.0    553.5    504.1    .94751   1.0554          .13532              .06268    .17281
        M           Q       V         RU        P9       P9/P       MO    PP/P9     P9/PP    (P9-PP)/(PT-P9)        MVJ/MV9       K9
      .700        385.5   770.3  .2738+07    1123.0    .9991     .702    .94835   1.0545          .13272              .06257    .17429
                   P16     PXL        TP     IP/TT       PP       MDOT    PP/PT     PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
                 1067.0     .0     548.2     .9904   1065.0 .85565-04   .68269   1.4648         1.13532            1.13272    .06053

CORR CONF  POS            AREA       PT         P        TT        T       PP/P     P/PP      (P-PP)/(PT-P)         MVJ/MVINF     KINF
1039   11 1.75            .1964     1537.      232.0    563.9    328.5    .58190   1.7185          .07433              .06942    .29941
        M           Q       V         RU        P9       P9/P       MO    PP/P9     P9/PP    (P9-PP)/(PT-P9)        MVJ/MV9       K9
     1.893        582.0  1681.7  .2699+07     237.5   1.0237    1.877    .56842   1.7593          .07888              .06860    .29165
                   P16     PXL        TP     IP/TT       PP       MDOT    PP/PT     PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
                  135.2     .0     550.3     .9759    135.0 .65527-04   .08783  11.3852         1.07433            1.07888    .04491

CORR CONF  POS            AREA       PT         P        TT        T       PP/P     P/PP      (P-PP)/(PT-P)         MVJ/MVINF     KINF
1040   11 1.75            .1964     1537.      232.0    565.2    329.3    .63534   1.5739          .06483              .06181    .27186
        M           Q       V         RU        P9       P9/P       MO    PP/P9     P9/PP    (P9-PP)/(PT-P9)        MVJ/MV9       K9
     1.893        582.0  1683.7  .2690+07     237.7   1.0246    1.877    .62011   1.6126          .06950              .06105    .26348
                   P16     PXL        TP     IP/TT       PP       MDOT    PP/PT     PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
                  147.1     .0     550.7     .9743    147.4 .58273-04   .09590  10.4274         1.06483            1.06950    .03998

CORR CONF  POS            AREA       PT         P        TT        T       PP/P     P/PP      (P-PP)/(PT-P)         MVJ/MVINF     KINF
1041   11 1.75            .1964     1536.      232.0    565.5    329.5    .72026   1.3884          .04977              .03940    .18453
        M           Q       V         RU        P9       P9/P       MO    PP/P9     P9/PP    (P9-PP)/(PT-P9)        MVJ/MV9       K9
     1.892        581.3  1683.3  .2687+07     238.1   1.0263    1.875    .70181   1.4249          .05470              .03867    .17665
                   P16     PXL        TP     IP/TT       PP       MDOT    PP/PT     PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
                  164.5     .0     550.6     .9737    167.1 .37112-04   .10879   9.1921         1.04977            1.05470    .02549
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CORR CONF  POS          AREA      PT       P      TT      T       PP/P   P/PP     (P-PP)/(PT-P)          MVJ/MVINF    KINF
1042   11 1.75          .1964    1535.   232.0   565.9  329.8   .81983 1.2198           .03208             .02412  .13118
         M          Q      V        RU      P9    P9/P     M9   PP/P9   P9/PP   (P9-PP)/(PT-P9)           MVJ/MV9      K9
     1.892      581.3 1684.1 .2683+07   236.1  1.0263  1.875   .79882 1.2518           .03693             .02381  .12268
                  P16    PXL      TP   IP/TT      PP   MDOT   PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
                189.4     .0   550.3   .9724   190.2 .22715-04 .12391 8.0705          1.03208            1.03693  .01561

CORR CONF  POS          AREA      PT       P      TT      T       PP/P   P/PP     (P-PP)/(PT-P)          MVJ/MVINF    KINF
1043   11 1.75          .1964    1535.   232.0   566.4  330.1   .92414 1.0821           .01351             .01034  .08121
         M          Q      V        RU      P9    P9/P     M9   PP/P9   P9/PP   (P9-PP)/(PT-P9)           MVJ/MV9      K9
     1.892      581.3 1684.9 .2680+07   236.0  1.0259  1.875   .90064 1.1101           .01820             .01021  .07020
                  P16    PXL      TP   IP/TT      PP   MDOT   PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
                212.0     .0   549.8   .9707   214.4 .97313-05 .13967 7.1595          1.01351            1.01820  .00669

CORR CONF  POS          AREA      PT       P      TT      T       PP/P   P/PP     (P-PP)/(PT-P)          MVJ/MVINF    KINF
1044   11 1.75          .1964    1535.   232.0   566.8  330.3   .96810 1.0329           .00568             .00413  .04875
         M          Q      V        RU      P9    P9/P     M9   PP/P9   P9/PP   (P9-PP)/(PT-P9)           MVJ/MV9      K9
     1.892      581.3 1685.4 .2678+07   236.1  1.0263  1.875   .94330 1.0601           .01041             .00407  .03613
                  P16    PXL      TP   IP/TT      PP   MDOT   PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
                223.2     .0   549.8   .9700   224.6 .38825-05 .14632 6.8344          1.00568            1.01041  .00267

CORR CONF  POS          AREA      PT       P      TT      T       PP/P   P/PP     (P-PP)/(PT-P)          MVJ/MVINF    KINF
1046   11 1.75          .1964    1555.   424.3   565.4  390.1   .44992 2.2226           .20642             .10810  .33711
         M          Q      V        RU      P9    P9/P     M9   PP/P9   P9/PP   (P9-PP)/(PT-P9)           MVJ/MV9      K9
     1.499      667.4 1451.1 .3096+07   430.9  1.0156  1.488   .44303 2.2572           .21350             .10746  .33195
                  P16    PXL      TP   IP/TT      PP   MDOT   PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
                192.5     .0   554.3   .9804   190.9 .13562-03 .12277 8.1456          1.20642            1.21350  .09198

CORR CONF  POS          AREA      PT       P      TT      T       PP/P   P/PP     (P-PP)/(PT-P)          MVJ/MVINF    KINF
1047   11 1.75          .1964    1555.   424.3   565.4  390.2   .59533 1.6797           .15185             .08004  .25208
         M          Q      V        RU      P9    P9/P     M9   PP/P9   P9/PP   (P9-PP)/(PT-P9)           MVJ/MV9      K9
     1.499      667.4 1451.3 .3095+07   430.9  1.0156  1.488   .58621 1.7059           .15862             .07955  .24758
                  P16    PXL      TP   IP/TT      PP   MDOT   PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
                254.5     .0   554.1   .9800   252.6 .10040-03 .16244 6.1560          1.15185            1.15862  .06810

CORR CONF  POS          AREA      PT       P      TT      T       PP/P   P/PP     (P-PP)/(PT-P)          MVJ/MVINF    KINF
1049   11 1.75          .1964    1555.   424.3   565.5  390.2   .69951 1.4296           .11276             .05231  .17490
         M          Q      V        RU      P9    P9/P     M9   PP/P9   P9/PP   (P9-PP)/(PT-P9)           MVJ/MV9      K9
     1.499      667.4 1451.3 .3095+07   430.9  1.0156  1.488   .68879 1.4518           .11930             .05200  .17068
                  P16    PXL      TP   IP/TT      PP   MDOT   PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
                297.1     .0   553.9   .9795   296.8 .65615-04 .19087 5.2392          1.11276            1.11930  .04451
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CORR CONF  POS        AREA      PT        P      TT       T      PP/P    P/PP      (P-PP)/(PT-P)         MVJ/MVINF     KINF
1050   11 1.75       .1964    1555.    424.3   565.8   390.4   .80509  1.2421            .07314            .03352   .12887
        M          Q      V       RU       P9    P9/P      M9    PP/P9   P9/PP     (P9-PP)/(PT-P9)          MVJ/MV9       K9
    1.499      667.4 1451.7 .3093+07    430.9  1.0156   1.488   .79276  1.2614            .07944            .03332   .12411
                 P16    PXL      TP    TP/TT      PP     MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
               341.9     .0   553.1    .9776   341.6 .42037-04  .21968  4.5521           1.07314           1.07944   .02852

CORR CONF  POS        AREA      PT        P      TT       T      PP/P    P/PP      (P-PP)/(PT-P)         MVJ/MVINF     KINF
1051   11 1.75       .1964    1555.    424.3   565.6   390.3   .90054  1.1104            .03732            .01528   .07739
        M          Q      V       RU       P9    P9/P      M9    PP/P9   P9/PP     (P9-PP)/(PT-P9)          MVJ/MV9       K9
    1.499      667.4 1451.5 .3094+07    430.9  1.0156   1.488   .88675  1.1277            .04341            .01519   .07201
                 P16    PXL      TP    TP/TT      PP     MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
               380.7     .0   552.4    .9767   382.1 .19165-04  .24572  4.0696           1.03732           1.04341   .01300

CORR CONF  POS        AREA      PT        P      TT       T      PP/P    P/PP      (P-PP)/(PT-P)         MVJ/MVINF     KINF
1052   11 1.75       .1964    1555.    424.3   565.8   390.4   .95192  1.0505            .01804            .00534   .03773
        M          Q      V       RU       P9    P9/P      M9    PP/P9   P9/PP     (P9-PP)/(PT-P9)          MVJ/MV9       K9
    1.499      667.4 1451.7 .3093+07    430.9  1.0156   1.488   .93734  1.0668            .02402            .00531   .03282
                 P16    PXL      TP    TP/TT      PP     MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
               401.6     .0   552.0    .9756   403.9 .66926-05  .25974  3.8500           1.01804           1.02402   .00454

CORR CONF  POS        AREA      PT        P      TT       T      PP/P    P/PP      (P-PP)/(PT-P)         MVJ/MVINF     KINF
1054   11 1.75       .1964    1560.    731.5   561.7   452.4   .45359  2.2046            .48244            .21789   .46106
        M          Q      V       RU       P9    P9/P      M9    PP/P9   P9/PP     (P9-PP)/(PT-P9)          MVJ/MV9       K9
    1.099      618.5 1145.7 .3218+07    724.4   .9903   1.107   .45803  2.1832            .46984            .21815   .46558
                 P16    PXL      TP    TP/TT      PP     MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
               330.7     .0   556.4    .9906   331.8 .32082-03  .21269  4.7016           1.48244           1.46984   .21620

CORR CONF  POS        AREA      PT        P      TT       T      PP/P    P/PP      (P-PP)/(PT-P)         MVJ/MVINF     KINF
1055   11 1.75       .1964    1561.    729.5   561.5   451.8   .57437  1.7411            .37342            .19182   .40913
        M          Q      V       RU       P9    P9/P      M9    PP/P9   P9/PP     (P9-PP)/(PT-P9)          MVJ/MV9       K9
    1.102      620.1 1148.1 .3223+07    724.8   .9936   1.107   .57809  1.7298            .36570            .19202   .41211
                 P16    PXL      TP    TP/TT      PP     MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
               424.3     .0   556.0    .9902   419.0 .28263-03  .26842  3.7255           1.37342           1.36570   .19030

CORR CONF  POS        AREA      PT        P      TT       T      PP/P    P/PP      (P-PP)/(PT-P)         MVJ/MVINF     KINF
1056   11 1.75       .1964    1561.    728.8   561.2   451.5   .66767  1.4977            .29104            .15959   .35443
        M          Q      V       RU       P9    P9/P      M9    PP/P9   P9/PP     (P9-PP)/(PT-P9)          MVJ/MV9       K9
    1.102      619.5 1147.7 .3223+07    724.2   .9937   1.108   .67191  1.4883            .28394            .15964   .35773
                 P16    PXL      TP    TP/TT      PP     MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
               490.7     .0   556.1    .9909   486.6 .23500-03  .31172  3.2080           1.29104           1.28394   .15819
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CORR CONF  POS        AREA      PT       P      TT      T     PP/P    P/PP   (P-PP)/(PT-P)         MVJ/MVINF     KINF
1057   11 1.75       .1964    1561.    729.5   561.0  451.5   .79040  1.2652          .18388            .12061   .30744
   M             Q      V       RU      P9     P9/P     MO    PP/P9   P9/PP  (P9-PP)/(PT-P9)        MVJ/MV9       K9
  1.102      620.1 1147.7 .3226+07   724.9    .9937  1.107   .79542  1.2572          .17737            .12072   .31208
               P16    PXL      TP    IP/TT      PP    MDOT    PP/PT   PT/PP  (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
             571.7     .0   555.3    .9898   576.6 .17776-03  .36938  2.7072         1.18388           1.17737   .11964

CORR CONF  POS        AREA      PT       P      TT      T     PP/P    P/PP   (P-PP)/(PT-P)         MVJ/MVINF     KINF
1058   11 1.75       .1964    1561.    727.4   560.9  451.0   .88383  1.1314          .10137            .07847   .25344
   M             Q      V       RU      P9     P9/P     MO    PP/P9   P9/PP  (P9-PP)/(PT-P9)        MVJ/MV9       K9
  1.104      620.6 1149.2 .3227+07   724.4    .9959  1.107   .88749  1.1268          .09742            .07850   .25802
               P16    PXL      TP    IP/TT      PP    MDOT    PP/PT   PT/PP  (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
             641.2     .0   554.9    .9893   642.9 .11559-03  .41185  2.4281         1.10137           1.09742   .07779

CORR CONF  POS        AREA      PT       P      TT      T     PP/P    P/PP   (P-PP)/(PT-P)         MVJ/MVINF     KINF
1059   11 1.75       .1964    1561.    726.1   560.4  450.4   .93670  1.0675          .05498            .04594   .19517
   M             Q      V       RU      P9     P9/P     MO    PP/P9   P9/PP  (P9-PP)/(PT-P9)        MVJ/MV9       K9
  1.105      620.6 1149.4 .3230+07   724.0    .9971  1.108   .93950  1.0644          .05233            .04594   .19977
               P16    PXL      TP    IP/TT      PP    MDOT    PP/PT   PT/PP  (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
             674.0     .0   554.6    .9897   680.2 .67666-04  .43575  2.2940         1.05498           1.05233   .04552

CORR CONF  POS        AREA      PT       P      TT      T     PP/P    P/PP   (P-PP)/(PT-P)         MVJ/MVINF     KINF
1061   11 1.75       .1964    1562.   1123.0   555.2  505.3   .51362  1.9469         1.24419            .45311   .57697
   M             Q      V       RU      P9     P9/P     MO    PP/P9   P9/PP  (P9-PP)/(PT-P9)        MVJ/MV9       K9
  .703       388.5  774.6 .2739+07  1114.0    .9920   .712   .51777  1.9313         1.19911            .45045   .58163
               P16    PXL      TP    IP/TT      PP    MDOT    PP/PT   PT/PP  (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
             577.0     .0   553.6    .9971   576.8 .61994-03  .36927  2.7080         2.24419           2.19911   .41481

CORR CONF  POS        AREA      PT       P      TT      T     PP/P    P/PP   (P-PP)/(PT-P)         MVJ/MVINF     KINF
1062   11 1.75       .1964    1562.   1122.0   555.0  504.9   .59340  1.6849         1.03659            .41564   .53517
   M             Q      V       RU      P9     P9/P     MO    PP/P9   P9/PP  (P9-PP)/(PT-P9)        MVJ/MV9       K9
  .704       389.3  775.4 .2743+07  1114.0    .9929   .712   .59776  1.6729         1.00022            .41351   .53972
               P16    PXL      TP    IP/TT      PP    MDOT    PP/PT   PT/PP  (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
             669.5     .0   553.4    .9971   665.9 .56921-03  .42631  2.3457         2.03659           2.00022   .38080

CORR CONF  POS        AREA      PT       P      TT      T     PP/P    P/PP   (P-PP)/(PT-P)         MVJ/MVINF     KINF
1063   11 1.75       .1964    1562.   1121.0   554.7  504.6   .70169  1.4251          .75828            .35087   .48147
   M             Q      V       RU      P9     P9/P     MO    PP/P9   P9/PP  (P9-PP)/(PT-P9)        MVJ/MV9       K9
  .705       390.0  776.2 .2746+07  1113.0    .9929   .713   .70674  1.4150          .72695            .34904   .48716
               P16    PXL      TP    IP/TT      PP    MDOT    PP/PT   PT/PP  (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
             785.7     .0   553.0    .9969   786.6 .48089-03  .50359  1.9859         1.75828           1.72695   .32163
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CORR CONF  POS          AREA      PT       P       TT      T       PP/P    P/PP      (P-PP)/(PT-P)          MVJ/MVINF     KINF
1064   11 1.75          .1964    1562.   1124.0   554.3   504.5   .80044  1.2493             .51210             .27467   .42688
        M           Q      V       RU      P9      P9/P     MO     PP/P9   P9/PP    (P9-PP)/(PT-P9)          MVJ/MV9        K9
     .702       387.7  772.6 .2745+07  1115.0   .9920    .711   .80691  1.2393             .48166             .27308   .43556
                  P16    PXL      TP   TP/TT      PP     MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)      KDIT
                896.7     .0   552.5   .9968   899.7 .37590-03  .57599  1.7361            1.51210            1.48166   .25259

CORR CONF  POS          AREA      PT       P       TT      T       PP/P    P/PP      (P-PP)/(PT-P)          MVJ/MVINF     KINF
1065   11 1.75          .1964    1562.   1124.0   554.0   504.2   .89947  1.1118             .25799             .16468   .33850
        M           Q      V       RU      P9      P9/P     MO     PP/P9   P9/PP    (P9-PP)/(PT-P9)          MVJ/MV9        K9
     .702       387.7  772.6 .2745+07  1115.0   .9920    .711   .90673  1.1029             .23266             .16373   .35273
                  P16    PXL      TP   TP/TT      PP     MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)      KDIT
               1012.0     .0   552.2   .9968  1011.0 .22543-03  .64725  1.5450            1.25799            1.23266   .15563

CORR CONF  POS          AREA      PT       P       TT      T       PP/P    P/PP      (P-PP)/(PT-P)          MVJ/MVINF     KINF
1066   11 1.75          .1964    1562.   1124.0   553.5   503.9   .94929  1.0534             .13014             .08510   .23921
        M           Q      V       RU      P9      P9/P     MO     PP/P9   P9/PP    (P9-PP)/(PT-P9)          MVJ/MV9        K9
     .702       387.7  772.4 .2747+07  1116.0   .9929    .710   .95609  1.0459             .10987             .08465   .25793
                  P16    PXL      TP   TP/TT      PP     MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)      KDIT
               1068.0     .0   551.8   .9969  1067.0 .11653-03  .68310  1.4639            1.13014            1.10987   .08236

CORR CONF  POS          AREA      PT       P       TT      T       PP/P    P/PP      (P-PP)/(PT-P)          MVJ/MVINF     KINF
 552   11 5.85          .1964    1534.    231.9   553.3   322.5   .50323  1.9871             .08847             .05904   .25284
        M           Q      V       RU      P9      P9/P     MO     PP/P9   P9/PP    (P9-PP)/(PT-P9)          MVJ/MV9        K9
    1.892       581.1 1665.4 .2766+07   235.4  1.0151   1.882   .49575  2.0171             .09141             .05860   .24908
                  P16    PXL      TP   TP/TT      PP     MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)      KDIT
                118.3     .0   540.9   .9776   116.7 .56197-04  .07608 13.1448            1.08847            1.09141   .03822

CORR CONF  POS          AREA      PT       P       TT      T       PP/P    P/PP      (P-PP)/(PT-P)          MVJ/MVINF     KINF
 553   11 5.85          .1964    1534.    231.9   554.0   322.9   .52005  1.9229             .08548             .05359   .22947
        M           Q      V       RU      P9      P9/P     MO     PP/P9   P9/PP    (P9-PP)/(PT-P9)          MVJ/MV9        K9
    1.892       561.1 1666.4 .2761+07   234.7  1.0121   1.884   .51365  1.9461             .08782             .05327   .22674
                  P16    PXL      TP   TP/TT      PP     MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)      KDIT
                122.8     .0   541.2   .9769   120.6 .50971-04  .07862 12.7197            1.08548            1.08782   .03469

CORR CONF  POS          AREA      PT       P       TT      T       PP/P    P/PP      (P-PP)/(PT-P)          MVJ/MVINF     KINF
 554   11 5.85          .1964    1534.    231.9   556.0   324.1   .61535  1.6251             .06850             .04159   .18114
        M           Q      V       RU      P9      P9/P     MO     PP/P9   P9/PP    (P9-PP)/(PT-P9)          MVJ/MV9        K9
    1.892       581.1 1669.5 .2747+07   234.6  1.0116   1.884   .60827  1.6440             .07072             .04134   .17857
                  P16    PXL      TP   TP/TT      PP     MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)      KDIT
                142.3     .0   542.9   .9764   142.7 .39483-04  .09302 10.7498            1.06850            1.07072   .02692
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CORR CONF  POS          AREA      PT        P       TT       T      PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF     KINF
 555   11 5.85         .1964    1535.     232.0   556.4   324.3   .71379  1.4010          .05096           .03072   .14292
         M          Q      V       RU        P9     P9/P      M9    PP/P9   P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9       K9
     1.892      581.3 1670.0 .2746+07    234.8   1.0121   1.884   .70528  1.4179          .05322           .03053   .14008
                  P16    PXL      TP    TP/TT        PP    MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
                167.2     .0   542.8    .9756    165.6 .29166-04  .10788  9.2693         1.05096          1.05322   .01988

CORR CONF  POS          AREA      PT        P       TT       T      PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF     KINF
 556   11 5.85         .1964    1534.     231.9   556.7   324.5   .81716  1.2237          .03256           .02045   .11060
         M          Q      V       RU        P9     P9/P      M9    PP/P9   P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9       K9
     1.892      581.1 1670.5 .2743+07    235.5   1.0155   1.882   .80467  1.2427          .03543           .02030   .10625
                  P16    PXL      TP    TP/TT        PP    MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
                193.3     .0   542.7    .9749    189.5 .19408-04  .12353  8.0950         1.03256          1.03543   .01324

CORR CONF  POS          AREA      PT        P       TT       T      PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF     KINF
 557   11 5.85         .1964    1534.     231.9   557.3   324.8   .91850  1.0887          .01452           .01124   .08547
         M          Q      V       RU        P9     P9/P      M9    PP/P9   P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9       K9
     1.892      581.1 1671.3 .2739+07    235.7   1.0164   1.881   .90369  1.1066          .01748           .01115   .07804
                  P16    PXL      TP    TP/TT        PP    MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
                210.1     .0   542.7    .9738    213.0 .10662-04  .13885  7.2019         1.01451          1.01748   .00728

CORR CONF  POS          AREA      PT        P       TT       T      PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF     KINF
 559   11 5.85         .1964    1534.     231.9   559.0   325.8   .95429  1.0479          .00814           .00749   .07453
         M          Q      V       RU        P9     P9/P      M9    PP/P9   P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9       K9
     1.892      581.1 1673.9 .2727+07    235.8   1.0168   1.881   .93851  1.0655          .01117           .00743   .06377
                  P16    PXL      TP    TP/TT        PP    MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
                220.1     .0   543.6    .9725    221.3 .70970-05  .14426  6.9318         1.00814          1.01117   .00483

CORR CONF  POS          AREA      PT        P       TT       T      PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF     KINF
 560   11 5.85         .1964    1549.     366.4   561.1   371.7   .42959  2.3278          .17673           .08913   .30200
         M          Q      V       RU        P9     P9/P      M9    PP/P9   P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9       K9
     1.596      653.3 1508.2 .3037+07    384.2   1.0486   1.564   .40968  2.4409          .19471           .08731   .28801
                  P16    PXL      TP    TP/TT        PP    MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
                161.5     .0   549.5    .9793    157.4 .10531-03  .10161  9.8412         1.17673          1.19471   .07144

CORR CONF  POS          AREA      PT        P       TT       T      PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF     KINF
 561   11 5.85         .1964    1549.     366.4   561.7   372.0   .50246  1.9902          .15415           .07162   .24270
         M          Q      V       RU        P9     P9/P      M9    PP/P9   P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9       K9
     1.596      653.3 1508.8 .3034+07    384.0   1.0480   1.565   .47943  2.0858          .17159           .07018   .23158
                  P16    PXL      TP    TP/TT        PP    MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
                187.6     .0   549.5    .9783    184.1 .84590-04  .11885  8.4139         1.15415          1.17159   .05741
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CORR CONF  POS        AREA      PT        P       TT      T     PP/P    P/PP   (P-PP)/(PT-P)          MVJ/MVINF    KINF
562   11 5.85        .1964     1549.    360.4   561.9  372.2  .59853  1.6708        .12439              .05161   .17683
        M          Q      V      RU        P9    P9/P     M9    PP/P9   P9/PP  (P9-PP)/(PT-P9)         MVJ/MV9       K9
    1.596      653.3 1509.2 .3032+07    383.7  1.0472  1.565  .57154  1.7497        .14108              .05059   .16770
                 P16    PXL      TP    IP/TT     PP     MDOT   PP/PT   PT/PP  (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
               222.6     .0   549.5    .9779   219.3 .60946-04 .14158  7.0634       1.12439             1.14108   .04137

CORR CONF  POS        AREA      PT        P       TT      T     PP/P    P/PP   (P-PP)/(PT-P)          MVJ/MVINF    KINF
563   11 5.85        .1964     1549.    360.4   562.0  372.3  .69787  1.4329        .09361              .03628   .13163
        M          Q      V      RU        P9    P9/P     M9    PP/P9   P9/PP  (P9-PP)/(PT-P9)         MVJ/MV9       K9
    1.596      653.3 1509.4 .3031+07    384.0  1.0480  1.565  .66589  1.5018        .11013              .03555   .12255
                 P16    PXL      TP    IP/TT     PP     MDOT   PP/PT   PT/PP  (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
               258.5     .0   549.0    .9769   255.7 .42834-04 .16507  6.0579       1.09361             1.11013   .02908

CORR CONF  POS        AREA      PT        P       TT      T     PP/P    P/PP   (P-PP)/(PT-P)          MVJ/MVINF    KINF
564   11 5.85        .1964     1550.    360.3   562.5  372.5  .81163  1.2321        .05829              .02207   .09346
        M          Q      V      RU        P9    P9/P     M9    PP/P9   P9/PP  (P9-PP)/(PT-P9)         MVJ/MV9       K9
    1.597      654.0 1510.7 .3030+07    383.8  1.0478  1.565  .77462  1.2910        .07417              .02164   .08365
                 P16    PXL      TP    IP/TT     PP     MDOT   PP/PT   PT/PP  (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
               297.0     .0   548.9    .9758   297.3 .26063-04 .19181  5.2136       1.05829             1.07417   .01769

CORR CONF  POS        AREA      PT        P       TT      T     PP/P    P/PP   (P-PP)/(PT-P)          MVJ/MVINF    KINF
565   11 5.85        .1964     1550.    360.3   563.1  373.0  .91346  1.0947        .02678              .01313   .07691
        M          Q      V      RU        P9    P9/P     M9    PP/P9   P9/PP  (P9-PP)/(PT-P9)         MVJ/MV9       K9
    1.597      654.0 1511.8 .3024+07    384.2  1.0489  1.565  .87090  1.1482        .04255              .01286   .06160
                 P16    PXL      TP    IP/TT     PP     MDOT   PP/PT   PT/PP  (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
               336.2     .0   548.3    .9737   334.6 .15490-04 .21587  4.6324       1.02678             1.04255   .01052

CORR CONF  POS        AREA      PT        P       TT      T     PP/P    P/PP   (P-PP)/(PT-P)          MVJ/MVINF    KINF
566   11 5.85        .1964     1550.    360.3   563.1  372.9  .95550  1.0466        .01377              .00677   .05399
        M          Q      V      RU        P9    P9/P     M9    PP/P9   P9/PP  (P9-PP)/(PT-P9)         MVJ/MV9       K9
    1.597      654.0 1511.6 .3025+07    383.7  1.0475  1.566  .91217  1.0963        .02889              .00664   .03761
                 P16    PXL      TP    IP/TT     PP     MDOT   PP/PT   PT/PP  (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
               350.9     .0   548.0    .9732   350.0 .79880-05 .22581  4.4286       1.01377             1.02889   .00542

CORR CONF  POS        AREA      PT        P       TT      T     PP/P    P/PP   (P-PP)/(PT-P)          MVJ/MVINF    KINF
571   11 5.85        .1964     1558.    562.3   553.0  413.3  .49084  2.0373        .28754              .07436   .19322
        M          Q      V      RU        P9    P9/P     M9    PP/P9   P9/PP  (P9-PP)/(PT-P9)         MVJ/MV9       K9
    1.300      665.2 1295.4 .3295+07    541.5   .9630  1.328  .50970  1.9620        .26119              .07521   .20064
                 P16    PXL      TP    IP/TT     PP     MDOT   PP/PT   PT/PP  (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
               274.8     .0   543.5    .9828   276.0 .10416-03 .17715  5.6449       1.28754             1.26119   .06974
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CORR CONF  POS        AREA      PT        P       TT       T        PP/P    P/PP     (P-PP)/(PT-P)              MVJ/MVINF     KINF
 572   11 5.85        .1964    1556.    563.0    553.5   414.0    .58872  1.6986          .23311                 .06900   .18041
         M        Q       V       RU       P9     P9/P       MO     PP/P9   P9/PP    (P9-PP)/(PT-P9)              MVJ/MV9       K9
     1.298    664.7 1294.5 .3290+07    539.9    .9579   1.330    .61456  1.6272          .20440                 .06988   .18995
                P16     PXL      TP    IP/TT       PP    MDOT     PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
              335.9      .0   543.2    .9814    331.8 .96646-04  .21297  4.6956         1.23311                1.20440   .06473

CORR CONF  POS        AREA      PT        P       TT       T        PP/P    P/PP     (P-PP)/(PT-P)              MVJ/MVINF     KINF
 573   11 5.85        .1964    1558.    561.0    553.9   413.7    .69626  1.4363          .17091                 .04395   .12224
         M        Q       V       RU       P9     P9/P       MO     PP/P9   P9/PP    (P9-PP)/(PT-P9)              MVJ/MV9       K9
     1.301    664.7 1297.0 .3286+07    542.2    .9665   1.327    .72040  1.3881          .14924                 .04438   .12938
                P16     PXL      TP    IP/TT       PP    MDOT     PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
              391.0      .0   543.0    .9803    390.6 .61437-04  .25071  3.9887         1.17091                1.14924   .04117

CORR CONF  POS        AREA      PT        P       TT       T        PP/P    P/PP     (P-PP)/(PT-P)              MVJ/MVINF     KINF
 574   11 5.85        .1964    1557.    561.0    554.3   414.1    .79947  1.2508          .11295                 .02560   .08123
         M        Q       V       RU       P9     P9/P       MO     PP/P9   P9/PP    (P9-PP)/(PT-P9)              MVJ/MV9       K9
     1.301    664.7 1297.6 .3281+07    542.5    .9670   1.326    .82673  1.2096          .09266                 .02585   .08873
                P16     PXL      TP    IP/TT       PP    MDOT     PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
              450.2      .0   542.5    .9787    448.5 .35763-04  .28805  3.4716         1.11295                1.09266   .02399

CORR CONF  POS        AREA      PT        P       TT       T        PP/P    P/PP     (P-PP)/(PT-P)              MVJ/MVINF     KINF
 575   11 5.85        .1964    1558.    560.4    554.7   414.2    .90168  1.1090          .05523                 .00748   .03177
         M        Q       V       RU       P9     P9/P       MO     PP/P9   P9/PP    (P9-PP)/(PT-P9)              MVJ/MV9       K9
     1.302    665.0 1298.8 .3279+07    541.3    .9659   1.328    .93349  1.0712          .03541                 .00755   .03925
                P16     PXL      TP    IP/TT       PP    MDOT     PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
              503.7      .0   541.9    .9769    505.3 .10440-04  .32433  3.0833         1.05523                1.03541   .00700

CORR CONF  POS        AREA      PT        P       TT       T        PP/P    P/PP     (P-PP)/(PT-P)              MVJ/MVINF     KINF
 576   11 5.85        .1964    1556.    561.7    555.0   414.7    .93164  1.0734          .03854                 .00255   .01273
         M        Q       V       RU       P9     P9/P       MO     PP/P9   P9/PP    (P9-PP)/(PT-P9)              MVJ/MV9       K9
     1.301    665.5 1298.6 .3279+07    540.2    .9617   1.329    .96872  1.0323          .01660                 .00258   .01917
                P16     PXL      TP    IP/TT       PP    MDOT     PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
              522.3      .0   541.5    .9757    523.3 .35582-05  .33588  2.9773         1.03854                1.01660   .00239

CORR CONF  POS        AREA      PT        P       TT       T        PP/P    P/PP     (P-PP)/(PT-P)              MVJ/MVINF     KINF
 576   11 5.85        .1964    1559.    726.6    558.5   449.5    .44182  2.2634          .49000                 .11235   .23827
         M        Q       V       RU       P9     P9/P       MO     PP/P9   P9/PP    (P9-PP)/(PT-P9)              MVJ/MV9       K9
     1.101    618.4 1144.1 .3239+07    666.7    .9148   1.172    .48298  2.0705          .38631                 .11392   .26046
                P16     PXL      TP    IP/TT       PP    MDOT     PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
              320.3      .0   551.5    .9875    322.0 .16566-03  .20654  4.8416         1.49000                1.38631   .11139
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CORR CONF  POS
579   11 5.85             AREA       PT         P        TT        T          PP/P      P/PP        (P-PP)/(PT-P)            MVJ/MVINF      KINF
           M              .1964     1559.     730.8     558.5     449.8     .54625    1.8307              .40039              .09848     .20855
        1.099         Q      V         KU        P9       P9/P       MO       PP/P9     P9/PP       (P9-PP)/(PT-P9)          MVJ/MV9          K9
                   617.9  1142.4  .3239+07    667.2     .9130     1.171     .59832    1.6713              .30052              .09990     .23078
                    P16     PXL       TP      TP/TT       PP       MDOT      PP/PT     PT/PP       (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
                   401.2      .0    551.3     .9871    399.2 .14529-03     .25606    3.9053             1.40039             1.30052     .09769

CORR CONF  POS
580   11 5.85             AREA       PT         P        TT        T          PP/P      P/PP        (P-PP)/(PT-P)            MVJ/MVINF      KINF
           M              .1964     1559.     727.4     558.6     449.3     .64861    1.5418              .30736              .08246     .18115
        1.103         Q      V         KU        P9       P9/P       MO       PP/P9     P9/PP       (P9-PP)/(PT-P9)          MVJ/MV9          K9
                   619.5  1146.0  .3240+07    667.1     .9171     1.171     .70724    1.4139              .21897              .08362     .20633
                    P16     PXL       TP      TP/TT       PP       MDOT      PP/PT     PT/PP       (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
                   469.0      .0    550.8     .9860    471.8 .12160-03     .30263    3.3044             1.30736             1.21897     .08177

CORR CONF  POS
581   11 5.85             AREA       PT         P        TT        T          PP/P      P/PP        (P-PP)/(PT-P)            MVJ/MVINF      KINF
           M              .1964     1559.     732.2     558.9     450.4     .74433    1.3435              .22642              .05981     .14202
        1.098         Q      V         KU        P9       P9/P       MO       PP/P9     P9/PP       (P9-PP)/(PT-P9)          MVJ/MV9          K9
                   617.9  1142.2  .3236+07    667.8     .9120     1.171     .81611    1.2253              .13779              .06070     .17463
                    P16     PXL       TP      TP/TT       PP       MDOT      PP/PT     PT/PP       (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
                   547.0      .0    550.3     .9846    545.0 .88263-04     .34958    2.8606             1.22642             1.13779     .05937

CORR CONF  POS
582   11 5.85             AREA       PT         P        TT        T          PP/P      P/PP        (P-PP)/(PT-P)            MVJ/MVINF      KINF
           M              .1964     1559.     730.1     559.2     450.2     .85317    1.1721              .12933              .03291     .09595
        1.100         Q      V         KU        P9       P9/P       MO       PP/P9     P9/PP       (P9-PP)/(PT-P9)          MVJ/MV9          K9
                   618.4  1144.0  .3235+07    667.4     .9141     1.171     .93332    1.0714              .04991              .03338     .14839
                    P16     PXL       TP      TP/TT       PP       MDOT      PP/PT     PT/PP       (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
                   618.6      .0    550.1     .9837    622.9 .48521-04     .39955    2.5028             1.12933             1.04991     .03265

CORR CONF  POS
583   11 5.85             AREA       PT         P        TT        T          PP/P      P/PP        (P-PP)/(PT-P)            MVJ/MVINF      KINF
           M              .1964     1559.     726.1     559.2     449.9     .88944    1.1243              .09688              .02334     .07684
        1.102         Q      V         KU        P9       P9/P       MO       PP/P9     P9/PP       (P9-PP)/(PT-P9)          MVJ/MV9          K9
                   618.9  1145.7  .3235+07    667.1     .9162     1.171     .97077    1.0301              .02186              .02366     .15560
                    P16     PXL       TP      TP/TT       PP       MDOT      PP/PT     PT/PP       (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
                   651.4      .0    549.7     .9830    647.6 .34394-04     .41539    2.4074             1.09688             1.02186     .02314

CORR CONF  POS
584   11 5.85             AREA       PT         P        TT        T          PP/P      P/PP        (P-PP)/(PT-P)            MVJ/MVINF      KINF
           M              .1964     1545.     915.3     557.9     480.1     .47805    2.0918              .75463              .18037     .31747
         .900         Q      V         KU        P9       P9/P       MO       PP/P9     P9/PP       (P9-PP)/(PT-P9)          MVJ/MV9          K9
                   517.8   966.6  .3045+07    900.2     .9857      .913     .48500    2.0618              .71898              .18890     .32209
                    P16     PXL       TP      TP/TT       PP       MDOT      PP/PT     PT/PP       (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
                   437.3      .0    553.5     .9921    436.6 .27674-03     .28259    3.5387             1.75463          1.7[illegible]398     [illegible]8767
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CORR CONF  POS             AREA      PT        P      TT      T       PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF    KINF
585   11 5.85             .1964    1545.    913.9   558.0  480.3   .58212  1.7179          .60513            .17650   .29777
       M            Q        V        RU       P9    P9/P     MQ    PP/P9   P9/PP   (P9-PP)/(PT-P9)        MVJ/MV9      K9
     .900        516.2   966.8  .3046+07   899.7   .9845   .914   .59131  1.6912          .56981            .17614   .30319
                  P16      PXL      TP     TP/TT      PP    MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)   KDIT
                 530.7      .0   553.1    .9912   532.0 .25805-03  .34434  2.9041         1.60513           1.56981   .17501

CORR CONF  POS             AREA      PT        P      TT      T       PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF    KINF
587   11 5.85             .1964    1545.    917.0   557.8  480.6   .68157  1.4672          .46497            .14557   .25656
       M            Q        V        RU       P9    P9/P     MQ    PP/P9   P9/PP   (P9-PP)/(PT-P9)        MVJ/MV9      K9
     .896        515.3   962.8  .3040+07   901.7   .9833   .912   .69314  1.4427          .43013            .14510   .26333
                  P16      PXL      TP     TP/TT      PP    MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)   KDIT
                 623.7      .0   552.6    .9907   625.0 .21254-03  .40453  2.4720         1.46497           1.43013   .14412

CORR CONF  POS             AREA      PT        P      TT      T       PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF    KINF
590   11 5.85             .1964    1545.    914.6   557.4  479.8   .78176  1.2792          .31662            .09434   .18702
       M            Q        V        RU       P9    P9/P     MQ    PP/P9   P9/PP   (P9-PP)/(PT-P9)        MVJ/MV9      K9
     .899        517.4   965.2  .3049+07   900.4   .9845   .913   .79409  1.2593          .28762            .09413   .19391
                  P16      PXL      TP     TP/TT      PP    MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)   KDIT
                 714.6      .0   551.6    .9896   715.0 .13796-03  .46278  2.1608         1.31662           1.28762   .09351

CORR CONF  POS             AREA      PT        P      TT      T       PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF    KINF
592   11 5.85             .1964    1545.    913.9   556.9  479.3   .88161  1.1343          .17145            .04937   .12462
       M            Q        V        RU       P9    P9/P     MQ    PP/P9   P9/PP   (P9-PP)/(PT-P9)        MVJ/MV9      K9
     .900        518.2   965.8  .3054+07   899.9   .9847   .914   .89532  1.1169          .14602            .04927   .13348
                  P16      PXL      TP     TP/TT      PP    MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)   KDIT
                 803.9      .0   550.1    .9878   805.7 .72252-04  .52149  1.9176         1.17145           1.14602   .04895

CORR CONF  POS             AREA      PT        P      TT      T       PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF    KINF
593   11 5.85             .1964    1545.    912.1   557.0  479.1   .93433  1.0703          .09464            .01341   .04416
       M            Q        V        RU       P9    P9/P     MQ    PP/P9   P9/PP   (P9-PP)/(PT-P9)        MVJ/MV9      K9
     .902        519.5   967.7  .3056+07   899.3   .9860   .914   .94763  1.0553          .07294            .01339   .04978
                  P16      PXL      TP     TP/TT      PP    MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)   KDIT
                 848.3      .0   549.6    .9867   852.2 .19636-04  .55159  1.8130         1.09464           1.07294   .01332

CORR CONF  POS             AREA      PT        P      TT      T       PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF    KINF
594   11 5.85             .1964    1559.   1124.0   552.5  503.1   .49528  2.0190         1.30414            .34311   .43492
       M            Q        V        RU       P9    P9/P     MQ    PP/P9   P9/PP   (P9-PP)/(PT-P9)        MVJ/MV9      K9
     .700        385.5   769.6  .2745+07  1108.0   .9858   .716   .50244  1.9903         1.22239            .33970   .44120
                  P16      PXL      TP     TP/TT      PP    MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)   KDIT
                 556.1      .0   550.5    .9964   556.7 .46887-03  .35709  2.8004         2.30414           2.22239   .31357
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CORR CONF  POS
595    11 5.85             AREA        PT         P         TT        T        PP/P     P/PP      (P-PP)/(PT-P)
         M           Q     .1964      1559.     1126.0     552.3    503.2     .60293   1.6586         1.03256        MVJ/MVINF      KINF
       .698      384.0     767.4  .2741+07      PY         P9/P       MQ      PP/P9     P9/PP   (P9-PP)/(PT-P9)          .39347      .50342
                   P16      PXL       TP       1109.0     .9849      .715     .61217   1.6335          .95578          MVJ/MV9        K9
                 680.7      .0     549.8      IP/TT      PP        MDOT       PP/PT     PT/PP   (PT-PP)/(PT-P)           .38926      .51285
                                              .9955     678.9  .53705-03      .43547   2.2964         2.03256  (PT-PP)/(PT-P9)       KDIT
                                                                                                                       1.95578      .35910

CORR CONF  POS
590    11 5.85             AREA        PT         P         TT        T        PP/P     P/PP      (P-PP)/(PT-P)
         M           Q     .1964      1559.     1123.0     552.1    502.7     .69920   1.4302          .77477        MVJ/MVINF      KINF
       .701      386.3     770.4  .2749+07      P9         P9/P       MO      PP/P9     P9/PP   (P9-PP)/(PT-P9)          .30982      .42160
                   P16      PXL       TP       1106.0     .9849      .718     .70995   1.4066          .70817          MVJ/MV9        K9
                 783.7      .0     549.8      IP/TT      PP        MDOT       PP/PT     PT/PP   (PT-PP)/(PT-P)           .30654      .43230
                                              .9958     785.2  .42377-03      .50366   1.9855         1.77477  (PT-PP)/(PT-P9)       KDIT
                                                                                                                       1.70817      .28330

CORR CONF  POS
597    11 5.85             AREA        PT         P         TT        T        PP/P     P/PP      (P-PP)/(PT-P)
         M           Q     .1964      1560.     1124.0     551.9    502.6     .79502   1.2578          .52844        MVJ/MVINF      KINF
       .700      385.5     769.2  .2748+07      P9         P9/P       MO      PP/P9     P9/PP   (P9-PP)/(PT-P9)          .20777      .31878
                   P16      PXL       TP       1107.0     .9849      .718     .80723   1.2388          .47108          MVJ/MV9        K9
                 892.7      .0     549.3      IP/TT      PP        MDOT       PP/PT     PT/PP   (PT-PP)/(PT-P)           .20534      .33101
                                              .9953     893.6  .28406-03      .57282   1.7457         1.52844  (PT-PP)/(PT-P9)       KDIT
                                                                                                                       1.47108      .19058

CORR CONF  POS
598    11 5.85             AREA        PT         P         TT        T        PP/P     P/PP      (P-PP)/(PT-P)
         M           Q     .1964      1560.     1124.0     551.9    502.5     .90125   1.1096          .25459        MVJ/MVINF      KINF
       .701      386.6     770.2  .2755+07      P9         P9/P       MQ      PP/P9     P9/PP   (P9-PP)/(PT-P9)          .08786      .18173
                   P16      PXL       TP       1106.0     .9840      .719     .91591   1.0918          .20485          MVJ/MV9        K9
                1011.0      .0     548.7      IP/TT      PP        MDOT       PP/PT     PT/PP   (PT-PP)/(PT-P)           .08692      .19841
                                              .9942    1013.0  .12031-03      .64936   1.5400         1.25459  (PT-PP)/(PT-P9)       KDIT
                                                                                                                       1.20485      .08311

CORR CONF  POS
599    11 5.85             AREA        PT         P         TT        T        PP/P     P/PP      (P-PP)/(PT-P)
         M           Q     .1964      1559.     1124.0     551.8    502.6     .95196   1.0505          .12414        MVJ/MVINF      KINF
       .700      385.5     769.2  .2748+07      P9         P9/P       MQ      PP/P9     P9/PP   (P9-PP)/(PT-P9)          .03095      .08898
                   P16      PXL       TP       1106.0     .9858      .716     .96570   1.0355          .08426          MVJ/MV9        K9
                1068.0      .0     548.3      IP/TT      PP        MDOT       PP/PT     PT/PP   (PT-PP)/(PT-P)           .03064      .10601
                                              .9937    1070.0  .42319-04      .68634   1.4570         1.12414  (PT-PP)/(PT-P9)       KDIT
                                                                                                                       1.08426      .03000

CORR CONF  POS
20      1  .00             AREA        PT         P         TT        T        PP/P     P/PP      (P-PP)/(PT-P)
         M           Q     .4484      1533.      231.3     567.7    330.7     .64505   1.5503          .06307        MVJ/MVINF      KINF
      1.693      580.2    1087.3  .2660+07      P9         P9/P       MQ      PP/P9     P9/PP   (P9-PP)/(PT-P9)          .02650      .11717
                   P16      PXL       TP        220.9     .9810     1.905     .65756   1.5208          .05949          MVJ/MV9        K9
                 148.2      .0     541.3      IP/TT      PP        MDOT       PP/PT     PT/PP   (PT-PP)/(PT-P)           .02677      .12032
                                              .9535     149.2  .56753-04      .09733  10.2748         1.06307  (PT-PP)/(PT-P9)       KDIT
                                                                                                                       1.05[illegible]39      .714
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CORR CONF  POS         AREA     PT       P      TT      T      PP/P     P/PP      (P-PP)/(PT-P)             MVJ/MVINF     KINF
 21    1   .00        .4484    1533.   232.6   568.2   331.5   .71754   1.3936         .05052                  .01942    .09054
       M            Q      V      RU      P9     P9/P     M9     PP/P9    P9/PP     (P9-PP)/(PT-P9)             MVJ/MV9        K9
     1.890      581.6 1686.7 .2668+07   226.8   .9837   1.900   .72946   1.3709         .04746                  .01959    .09321
                  P16    PXL     TP    IP/TT     PP      MDOT   PP/PT    PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
                167.1     .0   540.7   .9516   166.9 .41697-04  .10887   9.1851        1.05052                 1.04746    .01260

CORR CONF  POS         AREA     PT       P      TT      T      PP/P     P/PP      (P-PP)/(PT-P)             MVJ/MVINF     KINF
 22    1   .00        .4484    1533.   231.9   569.2   331.8   .81199   1.2315         .03351                  .01056    .05649
       M            Q      V      RU      P9     P9/P     M9     PP/P9    P9/PP     (P9-PP)/(PT-P9)             MVJ/MV9        K9
     1.891      580.5 1688.3 .2658+07   226.4   .9849   1.901   .82443   1.2130         .03074                  .01065    .05886
                  P16    PXL     TP    IP/TT     PP      MDOT   PP/PT    PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
                191.5     .0   540.3   .9492   188.3 .22618-04  .12283   8.1413        1.03351                 1.03074    .00684

CORR CONF  POS         AREA     PT       P      TT      T      PP/P     P/PP      (P-PP)/(PT-P)             MVJ/MVINF     KINF
 23    1   .00        .4484    1533.   231.9   569.7   332.1   .91721   1.0903         .01476                  .00236    .01777
       M            Q      V      RU      P9     P9/P     M9     PP/P9    P9/PP     (P9-PP)/(PT-P9)             MVJ/MV9        K9
     1.891      580.5 1689.1 .2655+07   227.0   .9789   1.905   .93700   1.0672         .01095                  .00238    .02057
                  P16    PXL     TP    IP/TT     PP      MDOT   PP/PT    PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
                216.9     .0   538.4   .9451   212.7 .50407-05  .13875   7.2073        1.01476                 1.01095    .00152

CORR CONF  POS         AREA     PT       P      TT      T      PP/P     P/PP      (P-PP)/(PT-P)             MVJ/MVINF     KINF
 24    1   .00        .4484    1534.   231.3   570.1   332.1   .96455   1.0368         .00629                  .00080    .00894
       M            Q      V      RU      P9     P9/P     M9     PP/P9    P9/PP     (P9-PP)/(PT-P9)             MVJ/MV9        K9
     1.893      580.2 1690.9 .2651+07   226.2   .9780   1.908   .98630   1.0139         .00237                  .00080    .01453
                  P16    PXL     TP    IP/TT     PP      MDOT   PP/PT    PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
                224.2     .0   537.9   .9435   223.1 .17005-05  .14544   6.8758        1.00629                 1.00237    .00051

CORR CONF  POS         AREA     PT       P      TT      T      PP/P     P/PP      (P-PP)/(PT-P)             MVJ/MVINF     KINF
 25    1   .00        .4484    1533.   231.9   570.4   332.5   .99008   1.0100         .00177                  .00000    .00000
       M            Q      V      RU      P9     P9/P     M9     PP/P9    P9/PP     (P9-PP)/(PT-P9)             MVJ/MV9        K9
     1.891      580.5 1690.1 .2651+07   228.0   .9832   1.902  1.00702    .9930        -.00123                  .00000    .00000
                  P16    PXL     TP    TP/TT     PP      MDOT   PP/PT    PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
                229.4     .0   537.7   .9427   229.6 .00000     .14977   6.6768        1.00177                  .99877    .00000

CORR CONF  POS         AREA     PT       P      TT      T      PP/P     P/PP      (P-PP)/(PT-P)             MVJ/MVINF     KINF
 26    1   .00        .4484    1548.   365.6   570.6   377.8   .63184   1.5827         .11384                  .04421    .15363
       M            Q      V      RU      P9     P9/P     M9     PP/P9    P9/PP     (P9-PP)/(PT-P9)             MVJ/MV9        K9
     1.597      652.7 1521.5 .2967+07   362.7   .9921   1.603   .63689   1.5701         .11111                  .04435    .15525
                  P16    PXL     TP    IP/TT     PP      MDOT   PP/PT    PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
                230.7     .0   544.1   .9536   231.0 .11812-03  .14922   6.7013        1.11384                 1.11111    .03541
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CORR CONF  POS         AREA      PT        P      TT      T       PP/P     P/PP      (P-PP)/(PT-P)          MVJ/MVINF       KINF
 27    1   .00         .4484    1549.    365.6   570.7   377.8   .70842   1.4116         .09008                .03416      .12534
       M            Q    V        RU       P9     P9/P     MQ     PP/P9    P9/PP    (P9-PP)/(PT-P9)         MVJ/MV9          K9
    1.598      653.5 1522.4 .2969+07    363.5    .9943   1.602   .71252   1.4035         .08815                .03425      .12655
                 P16    PXL      TP     IP/TT     PP      MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)       KDIT
               264.5     .0    544.2    .9536   259.0 .91333-04   .16720   5.9807        1.09008               1.08815     .02737
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CORR CONF  POS         AREA      PT        P      TT      T       PP/P     P/PP      (P-PP)/(PT-P)          MVJ/MVINF       KINF
 28    1   .00         .4484    1549.    365.6   570.8   377.9   .80115   1.2482         .06143                .02197      .09125
       M            Q    V        RU       P9     P9/P     MQ     PP/P9    P9/PP    (P9-PP)/(PT-P9)         MVJ/MV9          K9
    1.598      653.5 1522.6 .2968+07    363.5    .9943   1.602   .80578   1.2410         .05955                .02203      .09258
                 P16    PXL      TP     IP/TT     PP      MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)       KDIT
               294.4     .0    543.2    .9516   292.9 .58728-04   .18909   5.2885        1.06143               1.05955     .01760
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CORR CONF  POS         AREA      PT        P      TT      T       PP/P     P/PP      (P-PP)/(PT-P)          MVJ/MVINF       KINF
 29    1   .00         .4484    1549.    365.6   570.8   377.9   .90481   1.1052         .02941                .00963      .05410
       M            Q    V        RU       P9     P9/P     MQ     PP/P9    P9/PP    (P9-PP)/(PT-P9)         MVJ/MV9          K9
    1.598      653.5 1522.6 .2968+07    363.7    .9948   1.601   .90954   1.0995         .02776                .00965      .05563
                 P16    PXL      TP     IP/TT     PP      MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)       KDIT
               330.3     .0    542.0    .9495   330.8 .25731-04   .21356   4.6826        1.02941               1.02776     .00771
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CORR CONF  POS         AREA      PT        P      TT      T       PP/P     P/PP      (P-PP)/(PT-P)          MVJ/MVINF       KINF
 30    1   .00         .4484    1548.    365.6   571.1   378.1   .95706   1.0449         .01328                .00349      .02830
       M            Q    V        RU       P9     P9/P     MQ     PP/P9    P9/PP    (P9-PP)/(PT-P9)         MVJ/MV9          K9
    1.597      652.7 1522.1 .2964+07    363.7    .9948   1.601   .96206   1.0394         .01165                .00350      .03018
                 P16    PXL      TP     IP/TT     PP      MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)       KDIT
               349.4     .0    540.7    .9468   349.9 .93162-05   .22603   4.4241        1.01328               1.01165     .00279
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CORR CONF  POS         AREA      PT        P      TT      T       PP/P     P/PP      (P-PP)/(PT-P)          MVJ/MVINF       KINF
 31    1   .00         .4484    1548.    365.6   571.2   378.2   .99918   1.0008         .00025                .00000      .00000
       M            Q    V        RU       P9     P9/P     MQ     PP/P9    P9/PP    (P9-PP)/(PT-P9)         MVJ/MV9          K9
    1.597      652.7 1522.3 .2963+07    363.8    .9951   1.601  1.00412    .9959        -.00127                .00000      .00000
                 P16    PXL      TP     IP/TT     PP      MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)       KDIT
               369.6     .0    540.0    .9454   365.3 .00000      .23598   4.2376        1.00025                .99873     .00000
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CORR CONF  POS         AREA      PT        P      TT      T       PP/P     P/PP      (P-PP)/(PT-P)          MVJ/MVINF       KINF
 33    1   .00         .4484    1558.    561.7   566.1   423.0   .64928   1.5402         .19773                .08526      .22931
       M            Q    V        RU       P9     P9/P     MQ     PP/P9    P9/PP    (P9-PP)/(PT-P9)         MVJ/MV[illegible]          K9
    1.301      665.5 1311.5 .3194+07    554.0    .9863   1.311   .65830   1.5191         .18855                .[illegible]8562      .23376
                 P16    PXL      TP     IP/TT     PP      MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)    (PT-PP)/([illegible]-P9)       KDIT
               364.0     .0    547.0    .9663   364.7 .26945-03   .23408   4.2720        1.19773               1.[illegible]885[illegible]     .07995
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CORR CONF  POS         AREA      PT        P       TT      T      PP/P    P/PP    (P-PP)/(PT-P)         MVJ/MVINF     KINF
 34    1   .00        .4484    1558.     561.7   566.1  423.0   .79295  1.2611          .11673             .04861    .15248
       M           Q      V      RU        P9     P9/P     MQ     PP/P9   P9/PP   (P9-PP)/(PT-P9)        MVJ/MV9         K9
     1.301     665.5 1311.5 .3194+07    553.7   .9858  1.311   .80441  1.2432          .10784             .04882    .15791
                 P16    PXL     TP     TP/TT      PP     MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)   KDIT
               446.0     .0   546.4    .9652   445.4 .15362-03  .28588  3.4980         1.11673           1.10784    .04558

CORR CONF  POS         AREA      PT        P       TT      T      PP/P    P/PP    (P-PP)/(PT-P)         MVJ/MVINF     KINF
 35    1   .00        .4484    1558.     561.7   565.8  422.8   .89069  1.1227          .06163             .02363    .09577
       M           Q      V      RU        P9     P9/P     MQ     PP/P9   P9/PP   (P9-PP)/(PT-P9)        MVJ/MV9         K9
     1.301     665.5 1311.2 .3196+07    553.7   .9858  1.311   .90356  1.1067          .05317             .02373    .10264
                 P16    PXL     TP     TP/TT      PP     MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)   KDIT
               499.4     .0   545.2    .9636   500.3 .74691-04  .32112  3.1141         1.06163           1.05317    .02215

CORR CONF  POS         AREA      PT        P       TT      T      PP/P    P/PP    (P-PP)/(PT-P)         MVJ/MVINF     KINF
 36    1   .00        .4484    1558.     562.3   566.0  423.0   .95181  1.0506          .02722             .00485    .02854
       M           Q      V      RU        P9     P9/P     MQ     PP/P9   P9/PP   (P9-PP)/(PT-P9)        MVJ/MV9         K9
     1.300     665.2 1310.5 .3195+07    554.8   .9867  1.310   .96467  1.0366          .01954             .00487    .03354
                 P16    PXL     TP     TP/TT      PP     MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)   KDIT
               532.6     .0   543.1    .9595   535.2 .15330-04  .34352  2.9111         1.02722           1.01954    .00455

CORR CONF  POS         AREA      PT        P       TT      T      PP/P    P/PP    (P-PP)/(PT-P)         MVJ/MVINF     KINF
 37    1   .00        .4484    1558.     562.3   565.9  423.0   .98808  1.0121          .00673             .00000    .00000
       M           Q      V      RU        P9     P9/P     MQ     PP/P9   P9/PP   (P9-PP)/(PT-P9)        MVJ/MV9         K9
     1.300     665.2 1310.5 .3195+07    554.2   .9856  1.311  1.00253   .9975         -.00139             .00000    .00000
                 P16    PXL     TP     TP/TT      PP     MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)   KDIT
               554.1     .0   542.1    .9579   555.6 .00000     .35661  2.8042         1.00673            .99861    .00000

CORR CONF  POS         AREA      PT        P       TT      T      PP/P    P/PP    (P-PP)/(PT-P)         MVJ/MVINF     KINF
 38    1   .00        .4484    1557.     725.4   563.3  452.0   .76082  1.3144          .20863             .12982    .31702
       M           Q      V      RU        P9     P9/P     MQ     PP/P9   P9/PP   (P9-PP)/(PT-P9)        MVJ/MV9         K9
     1.104     618.9 1151.6 .3201+07    745.7  1.0280  1.082   .74011  1.3512          .23888             .12937    .30034
                 P16    PXL     TP     TP/TT      PP     MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)   KDIT
               551.9     .0   548.9    .9744   551.9 .43450-03  .35446  2.8212         1.20863           1.23888    .12868

CORR CONF  POS         AREA      PT        P       TT      T      PP/P    P/PP    (P-PP)/(PT-P)         MVJ/MVINF     KINF
 39    1   .00        .4484    1557.     727.4   563.0  453.0   .81345  1.2293          .16357             .10992    .29241
       M           Q      V      RU        P9     P9/P     MQ     PP/P9   P9/PP   (P9-PP)/(PT-P9)        MVJ/MV9         K9
     1.102     616.4 1149.6 .3203+07    749.2  1.0300  1.078   .78978  1.2662          .19497             .10955    .27178
                 P16    PXL     TP     TP/TT      PP     MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)   KDIT
               590.4     .0   549.9    .9767   591.7 .36820-03  .38003  2.6314         1.16357           1.19497    .10902
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CORR CONF  POS           AREA       PT        P      TT       T       PP/P     P/PP    (P-PP)/(PT-P)                   MVJ/MVINF     KINF
 41    1   .00          .4484    1557.    728.6   562.2   452.6    .90574   1.1041          .08295                     .06723    .23711
       M             Q      V       RO       P9    P9/P      MO     PP/P9    P9/PP   (P9-PP)/(PT-P9)                 MVJ/MV9       K9
    1.101        618.4 1146.1  .3210+07   752.2  1.0321   1.075    .87756   1.1395          .11444                     .06703    .20505
                   P16    PXL       TP    TP/TT      PP     MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)                KDIT
                 657.9     .0    549.2    .9769   660.1 .22555-03  .42396   2.3587         1.08295          1.11444              .06673
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CORR CONF  POS           AREA       PT        P      TT       T       PP/P     P/PP    (P-PP)/(PT-P)                   MVJ/MVINF     KINF
 42    1   .00          .4484    1556.    727.4   561.8   452.1    .96467   1.0366          .03102                     .03019    .16831
       M             Q      V       RO       P9    P9/P      MO     PP/P9    P9/PP   (P9-PP)/(PT-P9)                 MVJ/MV9       K9
    1.102        618.4 1146.5  .3211+07   746.7  1.0293   1.078    .93722   1.0670          .05822                     .03011    .12459
                   P16    PXL       TP    TP/TT      PP     MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)                KDIT
                 691.1     .0    548.2    .9758   701.7 .10124-03  .45096   2.2175         1.03102          1.05822              .02996
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CORR CONF  POS           AREA       PT        P      TT       T       PP/P     P/PP    (P-PP)/(PT-P)                   MVJ/MVINF     KINF
 43    1   .00          .4484    1557.    728.8   561.7   452.2   1.02923    .9716         -.02572                     .00000    .00000
       M             Q      V       RO       P9    P9/P      MO     PP/P9    P9/PP   (P9-PP)/(PT-P9)                 MVJ/MV9       K9
    1.101        618.4 1147.6  .3213+07   753.4  1.0336   1.074    .99562   1.0044          .00411                     .00000    .00000
                   P16    PXL       TP    TP/TT      PP     MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)                KDIT
                 744.1     .0    545.4    .9710   750.1 .00000     .48176   2.0757          .97428          1.00411              .00000
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CORR CONF  POS           AREA       PT        P      TT       T       PP/P     P/PP    (P-PP)/(PT-P)                   MVJ/MVINF     KINF
 44    1   .00          .4484    1543.    914.5   559.4   481.7    .77583   1.2889          .32617                     .24252    .47571
       M             Q      V       RO       P9    P9/P      MO     PP/P9    P9/PP   (P9-PP)/(PT-P9)                 MVJ/MV9       K9
     .898        516.2  966.0  .3030+07   920.2  1.0062    .892    .77103   1.2970          .33831                     .24285    .46936
                   P16    PXL       TP    TP/TT      PP     MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)                KDIT
                 707.2     .0    550.6    .9843   709.5 .80709-03  .45982   2.1748         1.32617          1.33831              .24035
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CORR CONF  POS           AREA       PT        P      TT       T       PP/P     P/PP    (P-PP)/(PT-P)                   MVJ/MVINF     KINF
 45    1   .00          .4484    1544.    912.0   559.5   481.4    .81393   1.2286          .26851                     .18347    .38626
       M             Q      V       RO       P9    P9/P      MO     PP/P9    P9/PP   (P9-PP)/(PT-P9)                 MVJ/MV9       K9
     .901        518.3  968.9  .3034+07   913.7  1.0019    .899    .81241   1.2309          .27193                     .18353    .38437
                   P16    PXL       TP    TP/TT      PP     MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)                KDIT
                 746.2     .0    550.3    .9836   742.3 .61112-03  .48076   2.0800         1.26851          1.27193              .18189
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CORR CONF  POS           AREA       PT        P      TT       T       PP/P     P/PP    (P-PP)/(PT-P)                   MVJ/MVINF     KINF
 46    1   .00          .4484    1544.    913.2   559.6   481.7    .90604   1.1037          .13602                     .10581    .29510
       M             Q      V       RO       P9    P9/P      MO     PP/P9    P9/PP   (P9-PP)/(PT-P9)                 MVJ/MV9       K9
     .899        516.6  967.1  .3029+07   917.7  1.0049    .895    .90160   1.1091          .14418                     .10581    .28771
                   P16    PXL       TP    TP/TT      PP     MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)                KDIT
                 835.1     .0    550.0    .9828   827.4 .35203-03  .53588   1.8661         1.13602          1.14418              .10480
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CORR CONF  POS          AREA      PT        P      TT       T       PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF     KINF
 47    1   .00          .4484    1544.    912.0   559.4   461.3   .95439  1.0478           .06582             .04704   .18354
       M           Q       V       RU        P9    P9/P      MO    PP/P9   P9/PP    (P9-PP)/(PT-P9)          MVJ/MV9       K9
     .901      518.3   968.8 .3035+07   917.3  1.0058    .896   .94887  1.0539           .07484             .04709   .17290
                 P16     PXL       TP   IP/TT      PP    MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
               671.6      .0    548.9   .9812   870.4 .15671-03  .56373  1.7739          1.06582           1.07484   .04677

CORR CONF  POS          AREA      PT        P      TT       T       PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF     KINF
 48    1   .00          .4484    1544.    912.7   559.4   481.3  1.00318   .9968          -.00459             .00000   .00000
       M           Q       V       RU        P9    P9/P      MO    PP/P9   P9/PP    (P9-PP)/(PT-P9)          MVJ/MV9       K9
     .900      517.5   967.8 .3034+07   913.4  1.0008    .900  1.00241   .9976          -.00349             .00000   .00000
                 P16     PXL       TP   IP/TT      PP    MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
               921.2      .0    547.2   .9782   915.6 .00000     .59301  1.6863           .99541            .99651   .00000

CORR CONF  POS          AREA      PT        P      TT       T       PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF     KINF
 50    1   .00          .4484    1559.   1124.0   555.0   505.5   .90302  1.1074           .25057             .23900   .49753
       M           Q       V       RU        P9    P9/P      MO    PP/P9   P9/PP    (P9-PP)/(PT-P9)          MVJ/MV9       K9
     .700      385.5   771.4 .2728+07  1124.0  1.0000    .700   .90302  1.1074           .25057             .23902   .49753
                 P16     PXL       TP   IP/TT      PP    MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
              1017.0      .0    549.0   .9892  1015.0 .74390-03  .65106  1.5360          1.25057           1.25057   .22607

CORR CONF  POS          AREA      PT        P      TT       T       PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF     KINF
 51    1   .00          .4484    1559.   1123.0   554.8   505.1   .95102  1.0515           .12615             .09439   .26932
       M           Q       V       RU        P9    P9/P      MO    PP/P9   P9/PP    (P9-PP)/(PT-P9)          MVJ/MV9       K9
     .701      386.3   772.2 .2732+07  1125.0  1.0018    .690   .94933  1.0534           .13134             .09453   .26458
                 P16     PXL       TP   IP/TT      PP    MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
              1073.0      .0    548.7   .9890  1068.0 .29406-03  .68505  1.4597          1.12615           1.13134   .09145

CORR CONF  POS          AREA      PT        P      TT       T       PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF     KINF
 52    1   .00          .4484    1559.   1124.0   551.6   502.5  1.00356   .9965          -.00920             .00324   .00000
       M           Q       V       RU        P9    P9/P      MO    PP/P9   P9/PP    (P9-PP)/(PT-P9)          MVJ/MV9       K9
     .700      385.5   769.1 .2749+07  1125.0  1.0009    .690  1.00267   .9973          -.00691             .00325   .00000
                 P16     PXL       TP   IP/TT      PP    MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
              1129.0      .0    544.7   .9871  1128.0 .10126-04  .72354  1.3821           .99080            .99309   .00325

CORR CONF  POS          AREA      PT        P      TT       T       PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF     KINF
852    1  1.75          .4484    1535.    231.3   564.1   328.5   .81755  1.2232           .03237             .03680   .19937
       M           Q       V       RU        P9    P9/P      MO    PP/P9   P9/PP    (P9-PP)/(PT-P9)          MVJ/MV9       K9
    1.893      580.2  1681.7 .2691+07   231.1   .9991   1.894   .81826  1.2221           .03221             .03681   .19983
                 P16     PXL       TP   IP/TT      PP    MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
               188.7      .0    549.4   .9739   189.1 .79081-04  .12319  8.1174          1.03237           1.03221   .02377
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CORR CONF  POS          AREA      PT        P       TT       T      PP/P     P/PP    (P-PP)/(PT-P)          MVJ/MVINF    KINF
853     1 1.75          .4484    1535.    232.0   564.3   328.9    .90862   1.1006          .01627             .02115   .15272
       M            Q       V       RU        P9     P9/P      M9    PP/P9    P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9        K9
   1.692        581.3  1681.8  .2693+07   232.8   1.0034   1.890    .90550   1.1044          .01689             .02111   .14993
                  P16     PXL      TP     TP/TT      PP     MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
                211.3      .0   549.0     .9729   210.8 .45523-04  .13733   7.2818         1.01627            1.01689   .01369
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CORR CONF  POS          AREA      PT        P       TT       T      PP/P     P/PP    (P-PP)/(PT-P)          MVJ/MVINF    KINF
854     1 1.75          .4484    1535.    232.0   564.6   329.0    .96336   1.0380          .00652             .00743   .08215
       M            Q       V       RU        P9     P9/P      M9    PP/P9    P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9        K9
   1.892        581.3  1682.1  .2692+07   234.0   1.0086   1.886    .95513   1.0470          .00807             .00740   .07393
                  P16     PXL      TP     TP/TT      PP     MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
                222.2      .0   548.7     .9718   223.5 .15997-04  .14560   6.8680         1.00652            1.00807   .00481
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CORR CONF  POS          AREA      PT        P       TT       T      PP/P     P/PP    (P-PP)/(PT-P)          MVJ/MVINF    KINF
855     1 1.75          .4484    1555.    424.3   563.9   389.1    .62503   1.5999          .14071             .07771   .24751
       M            Q       V       RU        P9     P9/P      M9    PP/P9    P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9        K9
   1.499        667.4  1449.3  .3107+07   429.3   1.0118   1.491    .61775   1.6189          .14578             .07736   .24386
                  P16     PXL      TP     TP/TT      PP     MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
                264.4      .0   554.4     .9832   265.2 .22287-03  .17055   5.8635         1.14071            1.14578   .06612
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CORR CONF  POS          AREA      PT        P       TT       T      PP/P     P/PP    (P-PP)/(PT-P)          MVJ/MVINF    KINF
856     1 1.75          .4484    1555.    424.3   564.0   389.1    .70587   1.4167          .11037             .06099   .20510
       M            Q       V       RU        P9     P9/P      M9    PP/P9    P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9        K9
   1.499        667.4  1449.3  .3107+07   429.7   1.0127   1.490    .69700   1.4347          .11570             .06069   .20093
                  P16     PXL      TP     TP/TT      PP     MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
                299.1      .0   554.0     .9823   299.5 .17490-03  .19260   5.1920         1.11037            1.11570   .05190
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CORR CONF  POS          AREA      PT        P       TT       T      PP/P     P/PP    (P-PP)/(PT-P)          MVJ/MVINF    KINF
857     1 1.75          .4484    1555.    424.3   563.9   389.1    .79684   1.2550          .07624             .04077   .15437
       M            Q       V       RU        P9     P9/P      M9    PP/P9    P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9        K9
   1.499        667.4  1449.3  .3107+07   429.7   1.0127   1.490    .78683   1.2709          .08140             .04057   .14984
                  P16     PXL      TP     TP/TT      PP     MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
                337.3      .0   553.2     .9810   338.1 .11691-03  .21743   4.5992         1.07624            1.08140   .03469
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CORR CONF  POS          AREA      PT        P       TT       T      PP/P     P/PP    (P-PP)/(PT-P)          MVJ/MVINF    KINF
858     1 1.75          .4484    1555.    424.3   563.6   388.9    .89889   1.1125          .03794             .02140   .10762
       M            Q       V       RU        P9     P9/P      M9    PP/P9    P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9        K9
   1.499        667.4  1448.9  .3109+07   429.6   1.0125   1.490    .88780   1.1264          .04283             .02130   .10158
                  P16     PXL      TP     TP/TT      PP     MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
                380.6      .0   551.4     .9784   381.4 .61396-04  .24527   4.0771         1.03794            1.04283   .01821
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CORR CONF  POS        AREA      PT        P      TT      T       PP/P     P/PP      (P-PP)/(PT-P)       MVJ/MVINF    KINF
859    1 1.75        .4484    1555.    424.3   563.5   388.8   .95333   1.0489            .01751          .00565    .04049
       M           Q      V       RU       P9    P9/P      MO   PP/P9    P9/PP     (P9-PP)/(PT-P9)         MVJ/MV9      K9
   1.499     667.4  1446.7  .3110+07    429.6  1.0125   1.490   .94157   1.0621            .02230          .00562    .03598
               P16     PXL      TP    IP/TT      PP     MDOT    PP/PT    PT/PP     (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
             403.5      .0   551.0    .9778   404.5 .16199-04   .26013   3.8443           1.01751         1.02230    .00480

CORR CONF  POS        AREA      PT        P      TT      T       PP/P     P/PP      (P-PP)/(PT-P)       MVJ/MVINF    KINF
860    1 1.75        .4484    1560.    727.4   559.9   450.3   .68064   1.4692            .27901          .17281    .38815
       M           Q      V       RU       P9    P9/P      MO   PP/P9    P9/PP     (P9-PP)/(PT-P9)         MVJ/MV9      K9
   1.104     620.6  1148.3  .3234+07    723.7   .9949   1.108   .68412   1.4617            .27335          .17298    .39117
               P16     PXL      TP    IP/TT      PP     MDOT    PP/PT    PT/PP     (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
             498.6      .0   555.7    .9925   495.1 .58167-03   .31737   3.1509           1.27901         1.27335    .17141

CORR CONF  POS        AREA      PT        P      TT      T       PP/P     P/PP      (P-PP)/(PT-P)       MVJ/MVINF    KINF
861    1 1.75        .4484    1560.    730.1   559.6   450.5   .77633   1.2881            .19677          .13273    .33039
       M           Q      V       RU       P9    P9/P      MO   PP/P9    P9/PP     (P9-PP)/(PT-P9)         MVJ/MV9      K9
   1.101     619.5  1145.4  .3235+07    723.7   .9912   1.108   .78320   1.2768            .18761          .13293    .33693
               P16     PXL      TP    IP/TT      PP     MDOT    PP/PT    PT/PP     (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
             562.9      .0   555.3    .9923   566.8 .44710-03   .36333   2.7523           1.19677         1.18761    .13172

CORR CONF  POS        AREA      PT        P      TT      T       PP/P     P/PP      (P-PP)/(PT-P)       MVJ/MVINF    KINF
862    1 1.75        .4484    1560.    727.4   559.8   450.1   .88535   1.1295            .10017          .08165    .26522
       M           Q      V       RU       P9    P9/P      MO   PP/P9    P9/PP     (P9-PP)/(PT-P9)         MVJ/MV9      K9
   1.104     620.6  1148.0  .3236+07    723.8   .9951   1.108   .88975   1.1239            .09543          .08174    .27108
               P16     PXL      TP    IP/TT      PP     MDOT    PP/PT    PT/PP     (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
             640.4      .0   554.9    .9912   644.0 .27489-03   .41282   2.4224           1.10017         1.09543    .08100

CORR CONF  POS        AREA      PT        P      TT      T       PP/P     P/PP      (P-PP)/(PT-P)       MVJ/MVINF    KINF
863    1 1.75        .4484    1560.    726.1   559.7   450.2   .92913   1.0763            .06203          .05419    .21788
       M           Q      V       RU       P9    P9/P      MO   PP/P9    P9/PP     (P9-PP)/(PT-P9)         MVJ/MV9      K9
   1.103     620.1  1147.1  .3235+07    724.0   .9944   1.107   .93439   1.0702            .05682          .05424    .22704
               P16     PXL      TP    IP/TT      PP     MDOT    PP/PT    PT/PP     (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
             673.9      .0   554.2    .9902   676.5 .18242-03   .43365   2.3060           1.06203         1.05682    .05375

CORR CONF  POS        AREA      PT        P      TT      T       PP/P     P/PP      (P-PP)/(PT-P)       MVJ/MVINF    KINF
864    1 1.75        .4484    1560.   1124.0   552.9   503.3   .77687   1.2872            .57523   .3[illegible]981    .53672
       M           Q      V       RU       P9    P9/P      MO   PP/P9    P9/PP     (P9-PP)/(PT-P9)         MVJ/MV9      K9
    .701     386.6   770.8  .2747+07   1115.0   .9920    .710   .78314   1.2769            .54337          .35797    .54641
               P16     PXL      TP    IP/TT      PP     MDOT    PP/PT    PT/PP     (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
             869.6      .0   552.0    .9984   873.2 .11240-02   .55974   1.7865           1.57523         1.54337    .32987
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CORR CONF  POS          AREA      PT          P       TT       T      PP/P    P/PP     (P-PP)/(PT-P)             MVJ/MVINF     KINF
 867    1 1.75         .4484    1560.      1124.0    551.1   501.0   .79822  1.2528          .52018               .30493    .47118
          M        Q       V      RU          P9     P9/P      MO     PP/P9   P9/PP    (P9-PP)/(PT-P9)             MVJ/MV9       K9
       .701    386.6   769.7  .2757+07   1115.0    .9920     .710   .80466  1.2428          .48944               .30330    .48065
                 P16     PXL      TP      IP/TT      PP      MDOT     PP/PT   PT/PP    (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
               895.8      .0   550.3      .9985   897.2 .95386-03   .57513  1.7387         1.52018              1.48944    .28023

CORR CONF  POS          AREA      PT          P       TT       T      PP/P    P/PP     (P-PP)/(PT-P)             MVJ/MVINF     KINF
 869    1 1.75         .4484    1560.      1124.0    549.5   500.3   .90125  1.1096          .25459               .16816    .34782
          M        Q       V      RU          P9     P9/P      MO     PP/P9   P9/PP    (P9-PP)/(PT-P9)             MVJ/MV9       K9
       .701    386.6   768.5  .2768+07   1114.0    .9911     .711   .90934  1.0997          .22646               .16717    .36450
                 P16     PXL      TP      IP/TT      PP      MDOT     PP/PT   PT/PP    (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
              1011.0      .0   549.0      .9991  1013.0 .52686-03   .64936  1.5400         1.25459              1.22646    .15906

CORR CONF  POS          AREA      PT          P       TT       T      PP/P    P/PP     (P-PP)/(PT-P)             MVJ/MVINF     KINF
 870    1 1.75         .4484    1560.      1124.0    549.2   500.0   .95285  1.0495          .12156               .08903    .25864
          M        Q       V      RU          P9     P9/P      MO     PP/P9   P9/PP    (P9-PP)/(PT-P9)             MVJ/MV9       K9
       .701    386.6   768.3  .2770+07   1115.0    .9920     .710   .96054  1.0411          .09888               .08857    .28378
                 P16     PXL      TP      IP/TT      PP      MDOT     PP/PT   PT/PP    (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
              1068.0      .0   548.4      .9985  1071.0 .27904-03   .68654  1.4566         1.12156              1.09888    .08638

CORR CONF  POS          AREA      PT          P       TT       T      PP/P    P/PP     (P-PP)/(PT-P)             MVJ/MVINF     KINF
 816    1 5.85         .4484    1527.       231.8    561.5   327.7   .68939  1.4506          .05559               .05894    .26774
          M        Q       V      RU          P9     P9/P      MO     PP/P9   P9/PP    (P9-PP)/(PT-P9)             MVJ/MV9       K9
      1.889    579.0  1676.1  .2700+07    231.8   1.0000    1.889   .68939  1.4506          .05559               .05894    .26774
                 P16     PXL      TP      IP/TT      PP      MDOT     PP/PT   PT/PP    (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
               161.2      .0   548.7      .9772   159.8 .12680-03   .10465  9.5557         1.05559              1.05559    .03823

CORR CONF  POS          AREA      PT          P       TT       T      PP/P    P/PP     (P-PP)/(PT-P)             MVJ/MVINF     KINF
 817    1 5.85         .4484    1533.       232.6    561.8   327.8   .73130  1.3674          .04806               .05203    .24619
          M        Q       V      RU          P9     P9/P      MO     PP/P9   P9/PP    (P9-PP)/(PT-P9)             MVJ/MV9       K9
      1.890    581.6  1677.2  .2710+07    234.8   1.0095    1.883   .72445  1.3804          .04984               .05180    .24207
                 P16     PXL      TP      IP/TT      PP      MDOT     PP/PT   PT/PP    (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
               169.7      .0   548.6      .9765   170.1 .11237-03   .11096  9.0123         1.04806              1.04984    .03376

CORR CONF  POS          AREA      PT          P       TT       T      PP/P    P/PP     (P-PP)/(PT-P)             MVJ/MVINF     KINF
 818    1 5.85         .4484    1535.       232.0    562.3   327.7   .82500  1.2121          .03116               .03474    .19105
          M        Q       V      RU          P9     P9/P      MO     PP/P9   P9/PP    (P9-PP)/(PT-P9)             MVJ/MV9       K9
      1.892    581.3  1678.7  .2707+07    232.2   1.0009    1.891   .82429  1.2132          .03132               .03473    .19059
                 P16     PXL      TP      IP/TT      PP      MDOT     PP/PT   PT/PP    (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
               192.3      .0   548.3      .9751   191.4 .74931-04   .12469  8.0199         1.03116              1.031      .02249
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CORR CONF  POS
819     1 5.85
      M
  1.892
            AREA      PT        P       TT       T       PP/P     P/PP      (P-PP)/(PT-P)            MVJ/MVINF      KINF
           .4484    1535.    232.0    562.9   328.1     .92241   1.0841            .01381               .02280    .17726
     Q       V        RU       P9      P9/P      MQ     PP/P9    P9/PP     (P9-PP)/(PT-P9)            MVJ/MV9        K9
 581.3  1679.8  .2702+07    232.3   1.0013   1.891     .92122   1.0855            .01405               .02279    .17581
   P16     PXL       TP    IP/TT      PP      MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)      KDIT
 213.2      .0    547.8    .9732    214.0 .49146-04   .13941   7.1729           1.01381              1.01405    .01476
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CORR CONF  POS
820     1 5.85
      M
  1.892
            AREA      PT        P       TT       T       PP/P     P/PP      (P-PP)/(PT-P)            MVJ/MVINF      KINF
           .4484    1535.    232.0    563.6   328.5     .97284   1.0279            .00483               .01150    .14688
     Q       V        RU       P9      P9/P      MQ     PP/P9    P9/PP     (P9-PP)/(PT-P9)            MVJ/MV9        K9
 581.3  1680.8  .2696+07    232.8   1.0034   1.890     .96950   1.0315            .00545               .01148    .13838
   P16     PXL       TP    IP/TT      PP      MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)      KDIT
 223.0      .0    547.0    .9705    225.7 .24777-04   .14704   6.8011           1.00483              1.00545    .00744
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CORR CONF  POS
821     1 5.85
      M
  1.892
            AREA      PT        P       TT       T       PP/P     P/PP      (P-PP)/(PT-P)            MVJ/MVINF      KINF
           .4484    1535.    232.0    564.1   328.8    1.03276    .9683           -.00583               .00013    .00000
     Q       V        RU       P9      P9/P      MQ     PP/P9    P9/PP     (P9-PP)/(PT-P9)            MVJ/MV9        K9
 581.3  1681.5  .2694+07    232.5   1.0022   1.890    1.03054    .9704           -.00545               .00013    .00000
   P16     PXL       TP    IP/TT      PP      MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)      KDIT
 242.9      .0    547.3    .9702    239.6 .27415-06   .15609   6.4065            .99417               .99455    .00008
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CORR CONF  POS
822     1 5.85
      M
  1.597
            AREA      PT        P       TT       T       PP/P     P/PP      (P-PP)/(PT-P)            MVJ/MVINF      KINF
           .4484    1551.    366.3    569.8   377.2     .64046   1.5614            .11117               .09994    .34883
     Q       V        RU       P9      P9/P      MQ     PP/P9    P9/PP     (P9-PP)/(PT-P9)            MVJ/MV9        K9
 654.0  1520.2  .2979+07    380.8   1.0396   1.571     .61607   1.6232            .12494               .09827    .33177
   P16     PXL       TP    IP/TT      PP      MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)      KDIT
 233.5      .0    558.8    .9807    234.6 .26774-03   .15126   6.6113           1.11117              1.12494    .08006
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CORR CONF  POS
823     1 5.85
      M
  1.598
            AREA      PT        P       TT       T       PP/P     P/PP      (P-PP)/(PT-P)            MVJ/MVINF      KINF
           .4484    1550.    365.5    569.6   376.9     .70643   1.4156            .09059               .08383    .30704
     Q       V        RU       P9      P9/P      MQ     PP/P9    P9/PP     (P9-PP)/(PT-P9)            MVJ/MV9        K9
 653.3  1520.6  .2977+07    380.4   1.0408   1.571     .67876   1.4733            .10448               .08239    .28829
   P16     PXL       TP    IP/TT      PP      MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)      KDIT
 256.3      .0    558.3    .9802    258.2 .22432-03   .16658   6.0031           1.09059              1.10448    .06710
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CORR CONF  POS
824     1 5.85
      M
  1.597
            AREA      PT        P       TT       T       PP/P     P/PP      (P-PP)/(PT-P)            MVJ/MVINF      KINF
           .4484    1551.    366.3    569.6   377.1     .80890   1.2362            .05909               .05683    .23936
     Q       V        RU       P9      P9/P      MQ     PP/P9    P9/PP     (P9-PP)/(PT-P9)            MVJ/MV9        K9
 654.0  1520.0  .2950+07    380.4   1.0385   1.572     .77892   1.2838            .07184               .05590    .21874
   P16     PXL       TP    IP/TT      PP      MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)      KDIT
 296.0      .0    557.5    .9788    296.3 .15226-03   .19104   5.2346           1.05909              1.07184    .04552
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CORR CONF   POS
825     1 5.85          AREA      PT         P       TT       T        PP/P     P/PP       (P-PP)/(PT-P)
          M        Q    .4464    1550.     365.5    570.3    377.4    .90643   1.1032            .02887        MVJ/MVINF    KINF
      1.598    653.3   V          RU        P9      P9/P      MQ      PP/P9    P9/PP    (P9-PP)/(PT-P9)          .03437     .19467
                 P16  1521.6  .2972+07    380.2    1.0402    1.572    .87138   1.1476            .04180        MVJ/MV9        K9
               333.4    PXL       TP      IP/TT      PP       MDOT    PP/PT    PT/PP     (PT-PP)/(PT-P)          .03378     .16306
                          .0    555.5     .9740    331.3 .91904-04    .21374   4.6785           1.02887   (PT-PP)/(PT-P9)     KDIT
                                                                                                                1.04180     .02751

CORR CONF   POS
826     1 5.85          AREA      PT         P       TT       T        PP/P     P/PP       (P-PP)/(PT-P)
          M        Q    .4464    1550.     366.3    570.5    377.8    .96587   1.0353            .01056        MVJ/MVINF    KINF
      1.597    654.0   V          RU        P9      P9/P      MQ      PP/P9    P9/PP    (P9-PP)/(PT-P9)          .02282     .20664
                 P16  1521.5  .2972+07    379.9    1.0371    1.572    .93130   1.0738            .02231        MVJ/MV9        K9
               351.9    PXL       TP      IP/TT      PP       MDOT    PP/PT    PT/PP     (PT-PP)/(PT-P)          .02247     .14320
                          .0    555.0     .9728    353.8 .61085-04    .22826   4.3810           1.01056   (PT-PP)/(PT-P9)     KDIT
                                                                                                                1.02231     .01829

CORR CONF   POS
827     1 5.85          AREA      PT         P       TT       T        PP/P     P/PP       (P-PP)/(PT-P)
          M        Q    .4484    1560.     561.8    566.9    423.4    .55376   1.8059            .25115        MVJ/MVINF    KINF
      1.302    666.7   V          RU        P9      P9/P      MQ      PP/P9    P9/PP    (P9-PP)/(PT-P9)          .10459     .27268
                 P16  1313.1  .3193+07    523.0     .9309    1.354    .59484   1.6811            .20434        MVJ/MV9        K9
               316.5    PXL       TP      IP/TT      PP       MDOT    PP/PT    PT/PP     (PT-PP)/(PT-P)          .10697     .29539
                          .0    559.1     .9862    311.1 .33070-03    .19942   5.0145           1.25115   (PT-PP)/(PT-P9)     KDIT
                                                                                                                1.20434     .09806

CORR CONF   POS
828     1 5.85          AREA      PT         P       TT       T        PP/P     P/PP       (P-PP)/(PT-P)
          M        Q    .4484    1560.     561.7    566.6    423.2    .58430   1.7115            .23390        MVJ/MVINF    KINF
      1.302    666.5   V          RU        P9      P9/P      MQ      PP/P9    P9/PP    (P9-PP)/(PT-P9)          .09131     .23936
                 P16  1312.8  .3195+07    526.3     .9370    1.340    .62360   1.6036            .19164        MVJ/MV9        K9
               331.9    PXL       TP      IP/TT      PP       MDOT    PP/PT    PT/PP     (PT-PP)/(PT-P)          .09317     .25894
                          .0    558.2     .9852    328.2 .28870-03    .21038   4.7532           1.23390   (PT-PP)/(PT-P9)     KDIT
                                                                                                                1.19164     .08559

CORR CONF   POS
830     1 5.85          AREA      PT         P       TT       T        PP/P     P/PP       (P-PP)/(PT-P)
          M        Q    .4484    1560.     561.8    566.3    422.9    .78925   1.2670            .11861        MVJ/MVINF    KINF
      1.302    666.7   V          RU        P9      P9/P      MQ      PP/P9    P9/PP    (P9-PP)/(PT-P9)          .03700     .11544
                 P16  1312.4  .3198+07    526.6     .9377    1.348    .84169   1.1881            .08072        MVJ/MV9        K9
               440.5    PXL       TP      IP/TT      PP       MDOT    PP/PT    PT/PP     (PT-PP)/(PT-P)          .03775     .13716
                          .0    555.5     .9809    443.4 .11704-03    .28423   3.5183           1.11861   (PT-PP)/(PT-P9)     KDIT
                                                                                                                1.08072     .03469

CORR CONF   POS
831     1 5.85          AREA      PT         P       TT       T        PP/P     P/PP       (P-PP)/(PT-P)
          M        Q    .4484    1559.     561.1    566.0    422.7    .88843   1.1256            .06273        MVJ/MVINF    KINF
      1.302    665.8   V          RU        P9      P9/P      MQ      PP/P9    P9/PP    (P9-PP)/(PT-P9)          .01469     .05909
                 P16  1312.0  .3196+07    527.1     .9394    1.348    .94574   1.0574            .02772        MVJ/MV9        K9
               501.9    PXL       TP      IP/TT      PP       MDOT    PP/PT    PT/PP     (PT-PP)/(PT-P)          .01498     .02720
                          .0    553.6     .9781    498.5 .46432-04    .31976   3.1274           1.06273   (PT-PP)/(PT-P9)     KDIT
                                                                                                                1.02772     .01377
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CORR CONF  POS           AREA       PT        P       TT      T        PP/P     P/PP        (P-PP)/(PT-P)          MVJ/MVINF       KINF
 834    1 5.85           .4484     1559.     562.4   565.7  422.7    .93688   1.0674             .03562             .00026    .00136
        M             Q      V       RH        P9     P9/P     MO      PP/P9    P9/PP      (P9-PP)/(PT-P9)          MVJ/MV9         K9
     1.300        665.3 1310.0 .3199+07    526.5    .9362  1.348  1.00076    .9992            -.00039             .00027    .00000
                    P16    PXL      TP    IP/TT      PP     MDOT     PP/PT    PT/PP        (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                  521.7     .0   552.7    .9770   526.9 .83011-06   .33797   2.9588            1.03562             .99961    .00025

CORR CONF  POS           AREA       PT        P       TT      T        PP/P     P/PP        (P-PP)/(PT-P)          MVJ/MVINF       KINF
 836    1 5.85           .4484     1559.     730.8   563.8  454.1    .61193   1.6342             .34243             .14118    .30347
        M             Q      V       RH        P9     P9/P     MO      PP/P9    P9/PP      (P9-PP)/(PT-P9)          MVJ/MV9         K9
     1.099        617.9 1147.9 .3199+07    656.8    .9015  1.181    .67881   1.4732             .23506             .14356    .34942
                    P16    PXL      TP    IP/TT      PP     MDOT     PP/PT    PT/PP        (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                  449.0     .0   557.3    .9885   447.2 .47326-03   .28685   3.4861            1.34243            1.23506    .14004

CORR CONF  POS           AREA       PT        P       TT      T        PP/P     P/PP        (P-PP)/(PT-P)          MVJ/MVINF       KINF
 836    1 5.85           .4484     1559.     726.7   563.2  452.9    .64194   1.5578             .31263             .13317    .29177
        M             Q      V       RH        P9     P9/P     MO      PP/P9    P9/PP      (P9-PP)/(PT-P9)          MVJ/MV9         K9
     1.104        620.0 1151.6 .3206+07    658.5    .9062  1.182    .70843   1.4116             .21321             .13539    .33797
                    P16    PXL      TP    IP/TT      PP     MDOT     PP/PT    PT/PP        (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                  464.9     .0   556.8    .9886   466.5 .44652-03   .29923   3.3419            1.31263            1.21321    .13206

CORR CONF  POS           AREA       PT        P       TT      T        PP/P     P/PP        (P-PP)/(PT-P)          MVJ/MVINF       KINF
 839    1 5.85           .4484     1559.     726.7   563.0  452.7    .74653   1.3395             .22131             .09770    .23416
        M             Q      V       RH        P9     P9/P     MO      PP/P9    P9/PP      (P9-PP)/(PT-P9)          MVJ/MV9         K9
     1.104        620.0 1151.3 .3208+07    658.3    .9059  1.182    .82409   1.2135             .12857             .09934    .29402
                    P16    PXL      TP    IP/TT      PP     MDOT     PP/PT    PT/PP        (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                  542.3     .0   556.4    .9883   542.5 .32766-03   .34798   2.8737            1.22131            1.12857    .09689

CORR CONF  POS           AREA       PT        P       TT      T        PP/P     P/PP        (P-PP)/(PT-P)          MVJ/MVINF       KINF
 840    1 5.85           .4484     1559.     728.1   562.9  452.9    .84521   1.1831             .13564             .06079    .17388
        M             Q      V       RH        P9     P9/P     MO      PP/P9    P9/PP      (P9-PP)/(PT-P9)          MVJ/MV9         K9
     1.102        618.9 1149.5 .3207+07    659.7    .9061  1.180    .93285   1.0720             .04926             .06177    .27623
                    P16    PXL      TP    IP/TT      PP     MDOT     PP/PT    PT/PP        (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                  616.2     .0   555.3    .9865   615.4 .20383-03   .39474   2.5333            1.13564            1.04926    .06027

CORR CONF  POS           AREA       PT        P       TT      T        PP/P     P/PP        (P-PP)/(PT-P)          MVJ/MVINF       KINF
 841    1 5.85           .4484     1559.     727.4   562.4  452.4    .90115   1.1097             .08646             .04155    .14380
        M             Q      V       RH        P9     P9/P     MO      PP/P9    P9/PP      (P9-PP)/(PT-P9)          MVJ/MV9         K9
     1.103        619.5 1149.9 .3211+07    659.5    .9067  1.180    .99393   1.0061             .00445             .04222    .60741
                    P16    PXL      TP    IP/TT      PP     MDOT     PP/PT    PT/PP        (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                  651.6     .0   553.6    .9844   655.5 .13939-03   .42046   2.3783            1.08646            1.00445    .04120
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CORR CONF  POS          AREA      PT        P       TT       T      PP/P    P/PP    (P-PP)/(PT-P)          MVJ/MVINF      KINF
 842    1 5.85          .4484    1546.    914.0   560.6   482.4   .68359  1.4629       .45759               .20402      .36197
        M          Q      V       RU       P9      P9/P     MO     PP/P9   P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9         K9
      .900      518.2  968.9  .3029+07   899.6   .9842    .915    .69453  1.4398       .42512               .20352      .37104
                  P16    PXL      TP     TP/TT     PP     MDOT     PP/PT   PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                624.6     .0    556.4    .9925    624.8 .67964-03  .40414  2.4744      1.45759              1.42512      .20222

CORR CONF  POS          AREA      PT        P       TT       T      PP/P    P/PP    (P-PP)/(PT-P)          MVJ/MVINF      KINF
 843    1 5.85          .4484    1545.    912.1   560.3   482.0   .77766  1.2859       .32043               .15429      .30499
        M          Q      V       RU       P9      P9/P     MO     PP/P9   P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9         K9
      .902      519.5  970.6  .3033+07   898.7   .9853    .915    .78925  1.2670       .29305               .15404      .31538
                  F16    PXL      TP     TP/TT     PP     MDOT     PP/PT   PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                713.4     .0    555.4    .9913    709.3 .51423-03  .45909  2.1782      1.32043              1.29305      .15306

CORR CONF  POS          AREA      PT        P       TT       T      PP/P    P/PP    (P-PP)/(PT-P)          MVJ/MVINF      KINF
 844    1 5.85          .4484    1545.    913.3   560.2   482.0   .88240  1.1333       .17002               .07490      .18966
        M          Q      V       RU       P9      P9/P     MO     PP/P9   P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9         K9
      .900      517.8  968.5  .3030+07   899.4   .9848    .914    .89604  1.1160       .14483               .07471      .20314
                  P16    PXL      TP     TP/TT     PP     MDOT     PP/PT   PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                802.4     .0    555.0    .9907    805.9 .24942-03  .52162  1.9171      1.17002              1.14483      .07424

CORR CONF  POS          AREA      PT        P       TT       T      PP/P    P/PP    (P-PP)/(PT-P)          MVJ/MVINF      KINF
 845    1 5.85          .4484    1546.    913.4   560.1   481.9   .93125  1.0738       .09927               .03310      .10659
        M          Q      V       RU       P9      P9/P     MO     PP/P9   P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9         K9
      .901      519.0  969.5  .3034+07   899.9   .9852    .914    .94522  1.0580       .07630               .03303      .12023
                  P16    PXL      TP     TP/TT     PP     MDOT     PP/PT   PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                850.4     .0    553.0    .9873    850.6 .11036-03  .55019  1.8175      1.09927              1.07630      .03286

CORR CONF  POS          AREA      PT        P       TT       T      PP/P    P/PP    (P-PP)/(PT-P)          MVJ/MVINF      KINF
 846    1 5.85          .4484    1562.   1125.0   555.5   505.8   .75849  1.3184       .62174               .34723      .50434
        M          Q      V       RU       P9      P9/P     MO     PP/P9   P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9         K9
      .701      387.0  772.7  .2732+07  1106.0   .9831    .720    .77152  1.2961       .55417               .34307      .52255
                  P16    PXL      TP     TP/TT     PP     MDOT     PP/PT   PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                853.2     .0    553.1    .9957    853.3 .10830-02  .54629  1.8305      1.62174              1.55417      .31770

CORR CONF  POS          AREA      PT        P       TT       T      PP/P    P/PP    (P-PP)/(PT-P)          MVJ/MVINF      KINF
 847    1 5.85          .4484    1562.   1124.0   555.2   505.4   .79706  1.2546       .52078               .30501      .47112
        M          Q      V       RU       P9      P9/P     MO     PP/P9   P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9         K9
      .702      387.7  773.5  .2736+07  1105.0   .9831    .721    .81077  1.2334       .45755               .30137      .49168
                  P16    PXL      TP     TP/TT     PP     MDOT     PP/PT   PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                893.2     .0    552.4    .9950    895.9 .95216-03  .57356  1.7435      1.52078              1.45755      28032
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CORR CONF  POS         AREA       PT         P       TT       T      PP/P     P/PP      (P-PP)/(PT-P)            MVJ/MVINF      KINF
848     1 5.85         .4484     1561.    1124.0    554.8   505.1   .89591   1.1162            .26773                .15252    .30871
        M           Q       V       RH        P9     P9/P      MQ    PP/P9    P9/PP   (P9-PP)/(PT-P9)              MVJ/MV9        K9
     .702       387.7   773.3 .2739+07    1104.0    .9822    .721   .91214   1.0963            .21225                .15076    .33881
                  P16     PXL       TP     IP/TT      PP     MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
               1004.0      .0    552.4     .9957  1007.0 .47626-03  .64510   1.5501           1.26773               1.21225    .14404

CORR CONF  POS         AREA       PT         P       TT       T      PP/P     P/PP      (P-PP)/(PT-P)            MVJ/MVINF      KINF
849     1 5.85         .4484     1561.    1122.0    554.6   504.6   .94831   1.0545            .13212                .06642    .18535
        M           Q       V       RH        P9     P9/P      MQ    PP/P9    P9/PP   (P9-PP)/(PT-P9)              MVJ/MV9        K9
     .703       388.2   774.0 .2741+07    1102.0    .9822    .723   .96552   1.0357            .08279                .06557    .22883
                  P16     PXL       TP     IP/TT      PP     MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
               1063.0      .0    551.7     .9948  1064.0 .20744-03  .68161   1.4671           1.13212               1.08279    .06424

CORR CONF  POS         AREA       PT         P       TT       T      PP/P     P/PP      (P-PP)/(PT-P)            MVJ/MVINF      KINF
850     1 5.85         .4484     1562.    1122.0    554.3   504.3   .98485   1.0154            .03864                .00329    .01663
        M           Q       V       RH        P9     P9/P      MQ    PP/P9    P9/PP   (P9-PP)/(PT-P9)              MVJ/MV9        K9
     .704       389.3   774.9 .2747+07    1104.0    .9840    .722  1.00091    .9991           -.00218                .00325    .00000
                  P16     PXL       TP     IP/TT      PP     MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
               1102.0      .0    550.5     .9931  1105.0 .10285-04  .70743   1.4136           1.03864                .99782    .00325

CORR CONF  POS         AREA       PT         P       TT       T      PP/P     P/PP      (P-PP)/(PT-P)            MVJ/MVINF      KINF
81      4  .00         .4484     1535.     232.0    561.8   327.5   .66336   1.5075            .05994                .04633    .20695
        M           Q       V       RH        P9     P9/P      MQ    PP/P9    P9/PP   (P9-PP)/(PT-P9)              MVJ/MV9        K9
    1.892       581.3  1678.2 .2709+07     231.1    .9961   1.894   .66595   1.5016            .05921                .04643    .20811
                  P16     PXL       TP     IP/TT      PP     MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
                152.2   152.6    539.5     .9603   153.0 .99955-04  .10026   9.9740           1.05994               1.05921    .02999

CORR CONF  POS         AREA       PT         P       TT       T      PP/P     P/PP      (P-PP)/(PT-P)            MVJ/MVINF      KINF
82      4  .00         .4484     1534.     231.9    562.5   327.0   .72876   1.3722            .04831                .03227    .15251
        M           Q       V       RH        P9     P9/P      MQ    PP/P9    P9/PP   (P9-PP)/(PT-P9)              MVJ/MV9        K9
    1.892       581.1  1679.2 .2703+07     231.2    .9970   1.894   .73097   1.3680            .04774                .03233    .15334
                  P16     PXL       TP     IP/TT      PP     MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
                161.0   163.5    539.7     .9595   169.0 .69553-04  .11017   9.0760           1.04831               1.04774    .02089

CORR CONF  POS         AREA       PT         P       TT       T      PP/P     P/PP      (P-PP)/(PT-P)            MVJ/MVINF      KINF
83      4  .00         .4484     1534.     231.9    563.0   328.2   .83915   1.1917            .02865                .01647    .09359
        M           Q       V       RH        P9     P9/P      MQ    PP/P9    P9/PP   (P9-PP)/(PT-P9)              MVJ/MV9        K9
    1.892       581.1  1680.0 .2700+07     231.1    .9966   1.894   .84206   1.1876            .02801                .01650    .09460
                  P16     PXL       TP     IP/TT      PP     MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
                190.5   190.9    538.9     .9572   194.6 .35480-04  .12686   7.8829           1.02865               1.02801    .01066
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CORR CONF  POS        AREA      PT          P       TT       T     PP/P     P/PP     (P-PP)/(PT-P)          MVJ/MVINF      KINF
 84    4   .00       .4484    1534.      231.9    563.6   328.5   .94135   1.0623          .01044             .00723    .06397
       M           Q     V       RU         P9     P9/P      MO    PP/P9    P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9        K9
    1.692      581.1 1680.8  .2697+07    231.2    .9970   1.894   .94420   1.0591          .00990             .00725    .06567
                 P16   PXL      TP     TP/TT      PP       MDOT   PP/PT    PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
               213.3  212.9   537.6    .9539    218.3 .15572-04   .14231   7.0270         1.01044            1.00990    .00468

CORR CONF  POS        AREA      PT          P       TT       T     PP/P     P/PP     (P-PP)/(PT-P)          MVJ/MVINF      KINF
 85    4   .00       .4484    1534.      231.9    564.0   328.8   .97413   1.0266          .00461             .00317    .04142
       M           Q     V       RU         P9     P9/P      MO    PP/P9    P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9        K9
    1.692      581.1 1681.5  .2693+07    231.1    .9966   1.894   .97750   1.0230          .00399             .00317    .04449
                 P16   PXL      TP     TP/TT      PP       MDOT   PP/PT    PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
               222.4  222.2   536.9    .9520    225.9 .68194-05   .14726   6.7906         1.00461            1.00399    .00205

CORR CONF  POS        AREA      PT          P       TT       T     PP/P     P/PP     (P-PP)/(PT-P)          MVJ/MVINF      KINF
 86    4   .00       .4484    1549.      366.4    564.8   374.1   .64847   1.5421          .10891             .04760    .16672
       M           Q     V       RU         P9     P9/P      MO    PP/P9    P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9        K9
    1.596      653.3 1513.0  .3011+07    372.9   1.0177   1.584   .63717   1.5694          .11504             .04723    .16281
                 P16   PXL      TP     TP/TT      PP       MDOT   PP/PT    PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
               234.3  233.9   542.6    .9607    237.6 .12800-03   .15339   6.5194         1.10891            1.11504    .03815

CORR CONF  POS        AREA      PT          P       TT       T     PP/P     P/PP     (P-PP)/(PT-P)          MVJ/MVINF      KINF
 87    4   .00       .4484    1550.      366.3    564.9   374.1   .72045   1.3880          .08651             .04052    .15031
       M           Q     V       RU         P9     P9/P      MO    PP/P9    P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9        K9
    1.597      654.0 1514.0  .3012+07    370.6   1.0117   1.589   .71209   1.4043          .09047             .04032    .14733
                 P16   PXL      TP     TP/TT      PP       MDOT   PP/PT    PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
               259.9  259.6   542.7    .9607    263.9 .10901-03   .17026   5.8734         1.08651            1.09047    .03247

CORR CONF  POS        AREA      PT          P       TT       T     PP/P     P/PP     (P-PP)/(PT-P)          MVJ/MVINF      KINF
 88    4   .00       .4484    1550.      366.3    565.1   374.2   .81736   1.2234          .05652             .03468    .14856
       M           Q     V       RU         P9     P9/P      MO    PP/P9    P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9        K9
    1.597      654.0 1514.2  .3011+07    369.8   1.0096   1.591   .80963   1.2351          .05965             .03454    .14488
                 P16   PXL      TP     TP/TT      PP       MDOT   PP/PT    PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
               295.6  295.1   541.9    .9589    299.4 .93277-04   .19316   5.1770         1.05652            1.05965    .02779

CORR CONF  POS        AREA      PT          P       TT       T     PP/P     P/PP     (P-PP)/(PT-P)          MVJ/MVINF      KINF
 89    4   .00       .4484    1550.      366.3    565.2   374.3   .92301   1.0834          .02382             .01390    .08586
       M           Q     V       RU         P9     P9/P      MO    PP/P9    P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9        K9
    1.597      654.0 1514.4  .3010+07    369.8   1.0096   1.591   .91428   1.0938          .02686             .01384    .08101
                 P16   PXL      TP     TP/TT      PP       MDOT   PP/PT    PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
               334.0  334.4   540.9    .9570    338.1 .37375-04   .21813   4.5844         1.02382            1.02686    .01114
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CORR	CONF	POS	M	Q	AREA	V	P16	PXL	PT	RU	TP	P	P9	IP/TT	TT	P9/P	PP	T	MO	MDOT
90	4	.00	1.596	653.3	.4484	1514.0	353.0	353.2	1549.	.3006+07	539.7	366.4	369.7	.9544	565.5	1.0090	358.1	374.6	1.590	.18873-04
92	4	.00	1.299	665.0	.4484	1306.4	355.7	362.3	1558.	.3217+07	546.8	563.0	556.2	.9711	563.1	.9879	361.0	421.0	1.308	.25421-03
93	4	.00	1.300	665.2	.4484	1307.4	387.1	385.4	1558.	.3215+07	547.2	562.3	555.8	.9714	563.3	.9884	394.3	421.0	1.309	.21044-03
94	4	.00	1.300	665.2	.4484	1307.2	448.8	444.2	1558.	.3216+07	546.5	562.3	556.2	.9705	563.1	.9892	454.3	420.9	1.308	.15036-03
95	4	.00	1.300	665.2	.4484	1307.4	501.4	504.8	1558.	.3215+07	545.7	562.3	555.5	.9686	563.4	.9879	509.9	421.0	1.309	.83763-04
96	4	.00	1.300	665.2	.4484	1307.7	534.9	536.3	1558.	.3213+07	544.1	562.3	555.9	.9656	563.5	.9886	539.5	421.2	1.308	.28323-04

CORR	PP/P	PP/P9	PP/PT	P/PP	P9/PP	PT/PP	(P-PP)/(PT-P)	(P9-PP)/(PT-P9)	(PT-PP)/(PT-P)	MVJ/MVINF	MVJ/MV9	(PT-PP)/(PT-P9)	KINF	K9	KDIT
90	.97735	.96862	.23118	1.0232	1.0324	4.3256	.00702	.00984	1.00702	.00702	.00699	1.00984	.07750	.06558	.00563
92	.64121	.64905	.23171	1.5596	1.5407	4.3159	.20302	.19485	1.20302	.08019	.08047	1.19485	.21430	.21786	.07522
93	.70123	.70943	.25308	1.4261	1.4096	3.9513	.16873	.16115	1.16873	.06641	.06664	1.16115	.18532	.18891	.06228
94	.80793	.81679	.29159	1.2377	1.2243	3.4295	.10847	.10172	1.10847	.04745	.04760	1.10172	.15282	.15725	.04449
95	.90681	.91791	.32728	1.1028	1.0894	3.0555	.05263	.04549	1.05263	.02643	.02653	1.04549	.11484	.12305	.02479
96	.95945	.97050	.34628	1.0423	1.0304	2.8879	.02290	.01637	1.02290	.00894	.00897	1.01637	.05711	.06731	.00838

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CORR CONF  POS          AREA     PT        P      TT      T      PP/P     P/PP     (P-PP)/(PT-P)        MVJ/MVINF     KINF
 98    4   .00          .4484   1559.    728.1   561.4  451.6   .75319   1.3277          .21627            .12763   .30787
       M              Q     V      RE        P9    P9/P     M9    PP/P9    P9/PP    (P9-PP)/(PT-P9)       MVJ/MV9        K9
     1.102        618.9 1147.8 .3219+07   751.0  1.0315  1.077   .73023   1.3694          .25074            .12716   .29037
                    P16    PXL     TP    PP/TT     PP     MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                  545.2  543.7  549.4    .9786   548.4 .42859-03  .35176   2.8428         1.21627           1.25074   .12655

CORR CONF  POS          AREA     PT        P      TT      T      PP/P     P/PP     (P-PP)/(PT-P)        MVJ/MVINF     KINF
 99    4   .00          .4484   1559.    730.1   561.0  451.7   .80866   1.2366          .16854            .11065   .29096
       M              Q     V      RE        P9    P9/P     M9    PP/P9    P9/PP    (P9-PP)/(PT-P9)       MVJ/MV9        K9
     1.100        618.4 1145.9 .3221+07   748.1  1.0247  1.080   .78920   1.2671          .19448            .11034   .27415
                    P16    PXL     TP    PP/TT     PP     MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                  585.1  587.8  549.3    .9791   590.4 .37190-03  .37870   2.6406         1.16854           1.19448   .10977

CORR CONF  POS          AREA     PT        P      TT      T      PP/P     P/PP     (P-PP)/(PT-P)        MVJ/MVINF     KINF
100    4   .00          .4484   1558.    728.1   560.7  451.2   .91938   1.0877          .07073            .06317   .23924
       M              Q     V      RE        P9    P9/P     M9    PP/P9    P9/PP    (P9-PP)/(PT-P9)       MVJ/MV9        K9
     1.102        618.9 1147.3 .3223+07   751.5  1.0321  1.076   .89075   1.1226          .10180            .06296   .20255
                    P16    PXL     TP    PP/TT     PP     MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                  662.4  664.4  548.7    .9786   669.4 .21224-03  .42965   2.3275         1.07073           1.10180   .06267

CORR CONF  POS          AREA     PT        P      TT      T      PP/P     P/PP     (P-PP)/(PT-P)        MVJ/MVINF     KINF
101    4   .00          .4484   1559.    729.4   560.7  451.4   .96367   1.0377          .03194            .03016   .16571
       M              Q     V      RE        P9    P9/P     M9    PP/P9    P9/PP    (P9-PP)/(PT-P9)       MVJ/MV9        K9
     1.101        618.9 1146.5 .3223+07   747.2  1.0244  1.081   .94071   1.0630          .05457            .03008   .12828
                    P16    PXL     TP    PP/TT     PP     MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                  701.9  705.1  547.9    .9772   702.9 .10140-03  .45087   2.2180         1.03194           1.05457   .02992

CORR CONF  POS          AREA     PT        P      TT      T      PP/P     P/PP     (P-PP)/(PT-P)        MVJ/MVINF     KINF
102    4   .00          .4484   1545.    913.9   559.2  481.3   .76387   1.3091          .34194            .28602   .55266
       M              Q     V      RE        P9    P9/P     M9    PP/P9    P9/PP    (P9-PP)/(PT-P9)       MVJ/MV9        K9
      .900        518.2  967.8 .3038+07   923.6  1.0106   .890   .75585   1.3230          .36289            .28669   .54090
                    P16    PXL     TP    PP/TT     PP     MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                  691.0  691.4  550.4    .9843   698.1 .95375-03  .45184   2.2131         1.34194           1.36289   .28361

CORR CONF  POS          AREA     PT        P      TT      T      PP/P     P/PP     (P-PP)/(PT-P)        MVJ/MVINF     KINF
103    4   .00          .4484   1545.    911.5   558.6  480.4   .81306   1.2290          .26898            .18527   .38990
       M              Q     V      RE        P9    P9/P     M9    PP/P9    P9/PP    (P9-PP)/(PT-P9)       MVJ/MV9        K9
      .902        519.1  969.0 .3044+07   915.6  1.0045   .898   .80941   1.2355          .27725            .18541   .38537
                    P16    PXL     TP    PP/TT     PP     MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                  726.0  732.9  550.2    .9850   741.1 .61811-03  .47968   2.0847         1.26898           1.27725   .18371
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CORR CONF  POS        AREA      PT         P       TT       T      PP/P     P/PP    (P-PP)/(PT-P)          MVJ/MVINF     KINF
 104    4  .00        .4484    1544.     912.7    558.4   480.5   .90818   1.1011         .13274              .09004    .25403
        M          Q      V       RU        P9     P9/P      MO     PP/P9    P9/PP   (P9-PP)/(PT-P9)           MVJ/MV9       K9
     .900      517.5  967.0  .3040+07    916.0   1.0036    .897   .90491   1.1051         .13869              .09008    .24920
                 P16    PXL       TP     IP/TT      PP     MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
               829.3  823.5    549.4     .9839   828.9 .30010-03  .53685   1.8627        1.13274             1.13869    .08925

CORR CONF  POS        AREA      PT         P       TT       T      PP/P     P/PP    (P-PP)/(PT-P)          MVJ/MVINF     KINF
 105    4  .00        .4484    1545.     911.5    558.2   480.0   .96281   1.0386         .05351              .03432    .14780
        M          Q      V       RU        P9     P9/P      MO     PP/P9    P9/PP   (P9-PP)/(PT-P9)           MVJ/MV9       K9
     .902      519.1  968.6  .3047+07    908.7    .9969    .905   .96578   1.0354         .04888              .03431    .15430
                 P16    PXL       TP     IP/TT      PP     MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
               870.9  872.8    548.3     .9823   877.6 .11455-03  .56803   1.7605        1.05351             1.04888    .03415

CORR CONF  POS        AREA      PT         P       TT       T      PP/P     P/PP    (P-PP)/(PT-P)          MVJ/MVINF     KINF
 106    4  .00        .4484    1559.    1125.0    553.9   504.6   .90400   1.1062         .24885              .23352    .48755
        M          Q      V       RU        P9     P9/P      MO     PP/P9    P9/PP   (P9-PP)/(PT-P9)           MVJ/MV9       K9
     .699      384.8  769.6  .2733+07   1125.0   1.0000    .690   .90400   1.1062         .24885              .23354    .48755
                 P16    PXL       TP     IP/TT      PP     MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
              1014.0 1012.0    549.1     .9913  1017.0 .72708-03  .65234   1.5329        1.24885             1.24885    .22091

CORR CONF  POS        AREA      PT         P       TT       T      PP/P     P/PP    (P-PP)/(PT-P)          MVJ/MVINF     KINF
 873    4 1.75        .4484    1535.     231.3    551.0   320.0   .70731   1.4138         .05193              .04357    .20167
        M          Q      V       RU        P9     P9/P      MO     PP/P9    P9/PP   (P9-PP)/(PT-P9)           MVJ/MV9       K9
    1.893      580.2 1062.1  .2779+07    229.4    .9918   1.890   .71316   1.4022         .05040              .04374    .20448
                 P16    PXL       TP     IP/TT      PP     MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
               165.2  164.3    540.9     .9817   163.6 .94722-04  .10658   9.3826        1.05193             1.05040    .02814

CORR CONF  POS        AREA      PT         P       TT       T      PP/P     P/PP    (P-PP)/(PT-P)          MVJ/MVINF     KINF
 874    4 1.75        .4484    1534.     231.9    551.8   321.6   .80552   1.2414         .03464              .03188    .16844
        M          Q      V       RU        P9     P9/P      MO     PP/P9    P9/PP   (P9-PP)/(PT-P9)           MVJ/MV9       K9
    1.892      581.1 1063.0  .2777+07    229.3    .9888   1.890   .81465   1.2275         .03257              .03207    .17343
                 P16    PXL       TP     IP/TT      PP     MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
               185.6  184.7    540.4     .9793   186.8 .69367-04  .12177   8.2120        1.03464             1.03257    .02064

CORR CONF  POS        AREA      PT         P       TT       T      PP/P     P/PP    (P-PP)/(PT-P)          MVJ/MVINF     KINF
 875    4 1.75        .4484    1535.     232.0    552.4   322.0   .89181   1.1213         .01926              .01489    .09982
        M          Q      V       RU        P9     P9/P      MO     PP/P9    P9/PP   (P9-PP)/(PT-P9)           MVJ/MV9       K9
    1.892      581.3 1664.1  .2773+07    229.4    .9888   1.890   .90192   1.1087         .01723              .01498    .10538
                 P16    PXL       TP     IP/TT      PP     MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
               207.6  206.2    540.2     .9779   206.9 .32395-04  .13470   7.4190        1.01926             1.01723    .00964
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CORR CONF  POS          AREA      PT        P      TT      T      PP/P    P/PP      (P-PP)/(PT-P)             MVJ/MVINF     KINF
876     4 1.75         .4484    1534.    231.9   553.6  322.7   .95990  1.0418              .00714                 .00609   .06449
        M           Q      V       RU       P9    P9/P     M9    PP/P9   P9/PP     (P9-PP)/(PT-P9)               MVJ/MV9       K9
    1.892       581.1 1665.9 .2764+07   229.5   .9897  1.898   .96993  1.0310              .00529                 .00613   .07484
                  P16    PXL       TP   IP/TT     PP    MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)        KDIT
                222.8  220.3    540.0   .9754  222.6 .13238-04  .14511  6.8913             1.00714                1.00529   .00394

CORR CONF  POS          AREA      PT        P      TT      T      PP/P    P/PP      (P-PP)/(PT-P)             MVJ/MVINF     KINF
877     4 1.75         .4484    1555.    424.3   553.3  381.8   .59580  1.6784              .15168                 .07911   .24921
        M           Q      V       RU       P9    P9/P     M9    PP/P9   P9/PP     (P9-PP)/(PT-P9)               MVJ/MV9       K9
    1.499       667.4 1435.6 .3186+07   430.5  1.0146  1.480   .58722  1.7029              .15803                 .07867   .24502
                  P16    PXL       TP   IP/TT     PP    MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)        KDIT
                254.9  255.4    544.6   .9843  252.8 .22904-03  .16257  6.1511             1.15168                1.15803   .06731

CORR CONF  POS          AREA      PT        P      TT      T      PP/P    P/PP      (P-PP)/(PT-P)             MVJ/MVINF     KINF
878     4 1.75         .4484    1555.    424.3   553.6  382.0   .69715  1.4344              .11365                 .05960   .19888
        M           Q      V       RU       P9    P9/P     M9    PP/P9   P9/PP     (P9-PP)/(PT-P9)               MVJ/MV9       K9
    1.499       667.4 1436.0 .3184+07   430.3  1.0141  1.480   .68743  1.4547              .11959                 .05928   .19453
                  P16    PXL       TP   IP/TT     PP    MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)        KDIT
                293.0  294.0    545.3   .9850  295.8 .17251-03  .19023  5.2569             1.11365                1.11959   .05071

CORR CONF  POS          AREA      PT        P      TT      T      PP/P    P/PP      (P-PP)/(PT-P)             MVJ/MVINF     KINF
879     4 1.75         .4484    1555.    424.3   554.0  382.3   .79048  1.2651              .07862                 .04017   .15043
        M           Q      V       RU       P9    P9/P     M9    PP/P9   P9/PP     (P9-PP)/(PT-P9)               MVJ/MV9       K9
    1.499       667.4 1436.6 .3181+07   430.4  1.0144  1.480   .77928  1.2832              .08447                 .03995   .14562
                  P16    PXL       TP   IP/TT     PP    MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)        KDIT
                335.8  336.6    545.2   .9841  335.4 .11622-03  .21569  4.6363             1.07862                1.08447   .03418

CORR CONF  POS          AREA      PT        P      TT      T      PP/P    P/PP      (P-PP)/(PT-P)             MVJ/MVINF     KINF
880     4 1.75         .4484    1555.    424.3   554.3  382.4   .90478  1.1052              .03573                 .01910   .09864
        M           Q      V       RU       P9    P9/P     M9    PP/P9   P9/PP     (P9-PP)/(PT-P9)               MVJ/MV9       K9
    1.499       667.4 1436.8 .3180+07   430.6  1.0148  1.480   .89155  1.1216              .04153                 .01900   .09180
                  P16    PXL       TP   IP/TT     PP    MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)        KDIT
                382.7  383.4    542.8   .9793  383.9 .55261-04  .24688  4.0505             1.03573                1.04153   .01626

CORR CONF  POS          AREA      PT        P      TT      T      PP/P    P/PP      (P-PP)/(PT-P)             MVJ/MVINF     KINF
881     4 1.75         .4484    1555.    424.3   554.9  382.9   .94744  1.0555              .01972                 .00785   .05322
        M           Q      V       RU       P9    P9/P     M9    PP/P9   P9/PP     (P9-PP)/(PT-P9)               MVJ/MV9       K9
    1.499       667.4 1437.7 .3174+07   430.4  1.0144  1.480   .93401  1.0706              .02525                 .00781   .04718
                  P16    PXL       TP   IP/TT     PP    MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)        KDIT
                399.9  398.5    542.4   .9775  402.0 .22693-04  .25852  3.8682             1.01972                1.02525   .00668
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CORR	CONF	POS	M	Q	AREA	V	P16	PXL	PT	RU	TP	P	P9	TP/TT
882	4	1.75	1.099	617.3	.4484	1136.4	486.0	483.0	1558.	.3280+07	548.5	730.1	723.0	.9922
883	4	1.75	1.101	618.9	.4484	1136.4	562.0	568.9	1559.	.3284+07	548.1	729.4	722.8	.9915
885	4	1.75	1.107	621.1	.4484	1143.4	641.3	640.0	1559.	.3286+07	548.1	724.0	722.2	.9913
886	4	1.75	1.102	616.9	.4484	1136.9	676.6	672.2	1559.	.3285+07	547.3	726.1	723.3	.9904
888	4	1.75	.701	386.6	.4484	766.8	854.4	849.0	1560.	.2784+07	546.1	1124.0	1115.0	.9984
889	4	1.75	.699	385.1	.4484	764.6	698.3	898.8	1560.	.2781+07	545.8	1126.0	1115.0	.9984

CORR	TT	P9/P	PP	T	MO	MDOT	PP/P	PP/P9	PP/PT	P/PP	P9/PP	PT/PP
882	552.8	.9903	460.9	445.1	1.107	.52686-03	.65868	.66515	.30866	1.5182	1.5034	3.2398
883	552.8	.9910	564.5	445.6	1.108	.39974-03	.77392	.78099	.36209	1.2921	1.2804	2.7617
885	552.9	.9975	638.0	444.1	1.109	.26108-03	.88122	.88341	.40924	1.1348	1.1320	2.4436
886	552.6	.9934	675.6	444.6	1.108	.17419-03	.92789	.93405	.43335	1.0777	1.0706	2.3076
888	547.0	.9920	855.1	498.1	.710	.99708-03	.76077	.76691	.54814	1.3145	1.3039	1.8243
889	546.7	.9902	900.2	498.1	.710	.87410-03	.79947	.80735	.57705	1.2508	1.2386	1.7329

CORR	(P-PP)/(PT-P)	(P9-PP)/(PT-P9)	(PT-PP)/(PT-P)	MVJ/MVINF	MVJ/MV9	(PT-PP)/(PT-P9)	KINF	K9	KDIT
882	.30100	.28994	1.30100	.15575	.15588	1.28994	.34280	.34761	.15447
883	.19877	.18931	1.19877	.11806	.11821	1.18931	.29281	.29873	.11713
885	.10299	.10062	1.10299	.07718	.07722	1.10062	.24773	.25034	.07650
886	.06318	.05708	1.06318	.05147	.05150	1.05708	.20509	.21511	.05103
888	.61674	.58404	1.61674	.31754	.31586	1.58404	.46262	.47039	.29068
889	.52028	.48270	1.52028	.27867	.27682	1.48270	.43026	.44095	.25588

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CORR CONF  POS              AREA       PT          P       TT       T       PP/P     P/PP      (P-PP)/(PT-P)              MVJ/MVINF     KINF
890     4 1.75              .4484     1560.     1126.0    546.5   497.0    .89787   1.1137           .26498                .15830    .32160
        M             Q        V        RU        P9      P9/P      MO     PP/P9    P9/PP    (P9-PP)/(PT-P9)            MVJ/MV9       K9
     .699         385.1    764.5  .2782+07    1115.0    .9902    .710    .90673   1.1029           .23371                .15725    .33805
                    P16      PXL        TP     TP/TT       PP     MDOT    PP/PT    PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
                 1012.0   1010.0     545.5     .9982   1011.0 .49663-03  .64808   1.5430          1.26498           1.23371    .14942

CORR CONF  POS              AREA       PT          P       TT       T       PP/P     P/PP      (P-PP)/(PT-P)              MVJ/MVINF     KINF
891     4 1.75              .4484     1560.     1124.0    546.3   497.4    .95374   1.0485           .11927                .08396    .24611
        M             Q        V        RU        P9      P9/P      MO     PP/P9    P9/PP    (P9-PP)/(PT-P9)            MVJ/MV9       K9
     .701         386.6    766.3  .2789+07    1115.0    .0920    .710    .96143   1.0401           .09663                .08352    .27057
                    P16      PXL        TP     TP/TT       PP     MDOT    PP/PT    PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
                 1067.0   1069.0     545.2     .9980   1072.0 .26383-03  .68718   1.4552          1.11927           1.09663    .08150

CORR CONF  POS              AREA       PT          P       TT       T       PP/P     P/PP      (P-PP)/(PT-P)              MVJ/MVINF     KINF
761     4 5.85              .4484     1535.      231.3    560.1   326.2    .67964   1.4714           .05684                .03487    .15768
        M             Q        V        RU        P9      P9/P      MO     PP/P9    P9/PP    (P9-PP)/(PT-P9)            MVJ/MV9       K9
    1.893         580.2   1675.8  .2717+07     247.5   1.0700   1.850    .63515   1.5744           .07014                .03367    .14334
                    P16      PXL        TP     TP/TT       PP     MDOT    PP/PT    PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
                  157.1    156.6        .0     .0000    157.2 .75182-04  .10241   9.7646          1.05684           1.07014    .02252

CORR CONF  POS              AREA       PT          P       TT       T       PP/P     P/PP      (P-PP)/(PT-P)              MVJ/MVINF     KINF
763     4 5.85              .4484     1535.      232.0    560.7   326.8    .72371   1.3818           .04919                .02671    .12555
        M             Q        V        RU        P9      P9/P      MO     PP/P9    P9/PP    (P9-PP)/(PT-P9)            MVJ/MV9       K9
    1.892         581.3   1676.4  .2717+07     246.7   1.0720   1.847    .67511   1.4812           .06282                .02578    .11221
                    P16      PXL        TP     TP/TT       PP     MDOT    PP/PT    PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
                  169.6    169.3        .0     .0000    167.9 .57688-04  .10938   9.1423          1.04919           1.06282    .01729

CORR CONF  POS              AREA       PT          P       TT       T       PP/P     P/PP      (P-PP)/(PT-P)              MVJ/MVINF     KINF
764     4 5.85              .4484     1535.      232.6    561.0   327.2    .81427   1.2281           .03317                .01950    .10466
        M             Q        V        RU        P9      P9/P      MO     PP/P9    P9/PP    (P9-PP)/(PT-P9)            MVJ/MV9       K9
    1.890         581.6   1675.7  .2717+07     249.8   1.0739   1.844    .75821   1.3189           .04700                .01880    .08880
                    P16      PXL        TP     TP/TT       PP     MDOT    PP/PT    PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
                  188.2    188.1        .0     .0000    189.4 .42147-04  .12339   8.1045          1.03317           1.04700    .01264

CORR CONF  POS              AREA       PT          P       TT       T       PP/P     P/PP      (P-PP)/(PT-P)              MVJ/MVINF     KINF
765     4 5.85              .4484     1535.      231.3    561.1   326.8    .92088   1.0859           .01404                .01068    .08240
        M             Q        V        RU        P9      P9/P      MO     PP/P9    P9/PP    (P9-PP)/(PT-P9)            MVJ/MV9       K9
    1.893         580.2   1677.3  .2710+07     248.2   1.0731   1.848    .85818   1.1653           .02735                .01030    .05958
                    P16      PXL        TP     TP/TT       PP     MDOT    PP/PT    PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
                  210.4    210.2        .0     .0000    213.0 .23018-04  .13876   7.2066          1.01404           1.02735    .00690
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CORR CONF  POS          AREA      PT        P       TT      T        PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF    KINF
786    4  5.85         .4484     1535.    231.3    561.3  326.9    .96844  1.0326            .00560           .00659   .07827
       M           Q       V       RH       P9     P9/P      MO     PP/P9   P9/PP    (P9-PP)/(PT-P9)       MVJ/MV9      K9
    1.593      580.2  1677.6  .2709+07   249.4   1.0783   1.845    .89816  1.1134            .01976           .00633   .04208
                 P16     PXL      TP     IP/TT      PP     MDOT     PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
               224.1   224.8      .0     .0000   224.0 .14185-04   .14593  6.8527           1.00560          1.01976   .00425


CORR CONF  POS          AREA      PT        P       TT      T        PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF    KINF
787    4  5.85         .4484     1550.    367.1    566.3  375.2    .61782  1.6186            .11861           .04458   .15381
       M           Q       V       RH       P9     P9/P      MO     PP/P9   P9/PP    (P9-PP)/(PT-P9)       MVJ/MV9      K9
    1.596      654.6  1515.3  .3005+07   377.5   1.0283   1.577    .60079  1.6645            .12853           .04407   .14863
                 P16     PXL      TP     IP/TT      PP     MDOT     PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
               228.2   227.7   555.4     .9808   226.8 .11994-03   .14632  6.8342           1.11861          1.12853   .03578


CORR CONF  POS          AREA      PT        P       TT      T        PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF    KINF
788    4  5.85         .4484     1550.    367.1    566.3  375.2    .70444  1.4196            .09172           .03733   .13623
       M           Q       V       RH       P9     P9/P      MO     PP/P9   P9/PP    (P9-PP)/(PT-P9)       MVJ/MV9      K9
    1.596      654.6  1515.3  .3005+07   377.6   1.0286   1.576    .68485  1.4602            .10150           .03690   .13026
                 P16     PXL      TP     IP/TT      PP     MDOT     PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
               258.8   258.2   555.1     .9802   258.6 .10044-03   .16684  5.9938           1.09172          1.10150   .02996


CORR CONF  POS          AREA      PT        P       TT      T        PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF    KINF
789    4  5.85         .4484     1550.    366.3    566.5  375.1    .80535  1.2417            .06023           .02465   .10311
       M           Q       V       RH       P9     P9/P      MO     PP/P9   P9/PP    (P9-PP)/(PT-P9)       MVJ/MV9      K9
    1.597      654.0  1516.0  .3001+07   377.4   1.0303   1.577    .78166  1.2793            .07027           .02433   .09604
                 P16     PXL      TP     IP/TT      PP     MDOT     PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
               295.9   296.0   554.7     .9792   295.0 .66215-04   .19032  5.2542           1.06023          1.07027   .01975


CORR CONF  POS          AREA      PT        P       TT      T        PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF    KINF
790    4  5.85         .4484     1550.    366.3    566.9  375.4    .90663  1.1030            .02889           .01339   .07583
       M           Q       V       RH       P9     P9/P      MO     PP/P9   P9/PP    (P9-PP)/(PT-P9)       MVJ/MV9      K9
    1.597      654.0  1516.6  .2998+07   376.9   1.0289   1.578    .88114  1.1349            .03819           .01322   .06633
                 P16     PXL      TP     IP/TT      PP     MDOT     PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
               332.6   333.8   553.5     .9764   332.1 .35952-04   .21426  4.6673           1.02889          1.03819   .01073


CORR CONF  POS          AREA      PT        P       TT      T        PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF    KINF
791    4  5.85         .4484     1550.    366.3    566.8  375.3    .96615  1.0350            .01048           .00690   .06270
       M           Q       V       RH       P9     P9/P      MO     PP/P9   P9/PP    (P9-PP)/(PT-P9)       MVJ/MV9      K9
    1.597      654.0  1516.4  .2999+07   377.1   1.0295   1.577    .93848  1.0656            .01978           .00681   .04589
                 P16     PXL      TP     IP/TT      PP     MDOT     PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
               356.7   357.2   551.9     .9737   353.9 .18525-04   .22832  4.3798           1.01048          1.01978   .00553
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CORR CONF  POS          AREA       PT         P       TT       T      PP/P     P/PP     (P-PP)/(PT-P)          MVJ/MVINF      KINF
 794     4 5.85         .4484     1561.     563.7    563.8   421.4   .54286   1.8422          .25840              .05845      .15193
           M         Q      V        RU        P9     P9/P      MO     PP/P9    P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9          K9
     1.300       666.9 1308.0 .3219+07     536.5    .9517   1.336   .57036   1.7533          .22499              .05935      .16019
                   P16    PXL       TP    TP/TT       PP     MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)       KDIT
                 307.1  306.2    555.8    .9858    306.0 .18557-03  .19603   5.1013         1.25840             1.22499      .05484

CORR CONF  POS          AREA       PT         P       TT       T      PP/P     P/PP     (P-PP)/(PT-P)          MVJ/MVINF      KINF
 795     4 5.85         .4484     1560.     563.7    563.8   421.5   .58276   1.7160          .23607              .05297      .13842
           M         Q      V        RU        P9     P9/P      MO     PP/P9    P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9          K9
     1.299       665.8 1307.2 .3216+07     536.2    .9512   1.336   .61264   1.6323          .20287              .05377      .14689
                   P16    PXL       TP    TP/TT       PP     MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)       KDIT
                 329.0  329.0    555.7    .9856    328.5 .16803-03  .21058   4.7489         1.23607             1.20287      .04969

CORR CONF  POS          AREA       PT         P       TT       T      PP/P     P/PP     (P-PP)/(PT-P)          MVJ/MVINF      KINF
 797     4 5.85         .4484     1561.     567.6    563.8   422.3   .69010   1.4491          .17707              .03696      .10166
           M         Q      V        RU        P9     P9/P      MO     PP/P9    P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9          K9
     1.295       666.3 1304.4 .3220+07     534.2    .9412   1.339   .73325   1.3638          .13878              .03766      .11261
                   P16    PXL       TP    TP/TT       PP     MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)       KDIT
                 390.9  391.6    555.5    .9853    391.7 .11758-03  .25093   3.9852         1.17707             1.13878      .03475

CORR CONF  POS          AREA       PT         P       TT       T      PP/P     P/PP     (P-PP)/(PT-P)          MVJ/MVINF      KINF
 798     4 5.85         .4484     1561.     567.0    564.0   422.3   .80053   1.2492          .11378              .01939      .06131
           M         Q      V        RU        P9     P9/P      MO     PP/P9    P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9          K9
     1.295       665.6 1304.4 .3217+07     534.4    .9425   1.339   .84936   1.1774          .07841              .01974      .07249
                   P16    PXL       TP    TP/TT       PP     MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)       KDIT
                 455.7  453.9    554.5    .9832    453.9 .61633-04  .29078   3.4391         1.11378             1.07841      .01822

CORR CONF  POS          AREA       PT         P       TT       T      PP/P     P/PP     (P-PP)/(PT-P)          MVJ/MVINF      KINF
 799     4 5.85         .4484     1561.     567.6    564.1   422.5   .89447   1.1180          .06030              .00658      .02691
           M         Q      V        RU        P9     P9/P      MO     PP/P9    P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9          K9
     1.295       666.3 1304.7 .3218+07     534.7    .9420   1.338   .94950   1.0532          .02631              .00670      .03999
                   P16    PXL       TP    TP/TT       PP     MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)       KDIT
                 509.8  508.2    551.4    .9775    507.7 .20919-04  .32524   3.0747         1.06030             1.02631      .00618

CORR CONF  POS          AREA       PT         P       TT       T      PP/P     P/PP     (P-PP)/(PT-P)          MVJ/MVINF      KINF
 800     4 5.85         .4484     1558.     566.9    561.9   420.9   .93438   1.0702          .03753              .00207      .01047
           M         Q      V        RU        P9     P9/P      MO     PP/P9    P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9          K9
     1.294       664.5 1301.2 .3228+07     536.5    .9464   1.334   .98733   1.0128          .00666              .00210      .02445
                   P16    PXL       TP    TP/TT       PP     MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)       KDIT
                 529.4  531.5    548.1    .9754    529.7 .65772-05  .33990   2.9413         1.03753             1.0066       .00194
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CORR CONF  POS          AREA      PT        P       TT      T      PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF     KINF
801    4  5.85          .4484    1564.     728.8   561.4   451.4  .59289  1.6866         .35524              .05835    .12529
       M            Q      V       RU        P9    P9/P     M9    PP/P9   P9/PP    (P9-PP)/(PT-P9)        MVJ/MV9        K9
     1.104      621.8 1149.7 .3230+07     662.1   .9085  1.180  .65262  1.5323         .25502              .05928    .14157
                  P16    PXL      TP   TP/TT       PP     MDOT   PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
                433.6  432.0   554.7   .9881    432.1 .19653-03 .27628  3.6195        1.35524             1.25502    .05785

CORR CONF  POS          AREA      PT        P       TT      T      PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF     KINF
802    4  5.85          .4484    1563.     731.6   561.5   451.9  .64516  1.5500         .31224              .07825    .17120
       M            Q      V       RU        P9    P9/P     M9    PP/P9   P9/PP    (P9-PP)/(PT-P9)        MVJ/MV9        K9
     1.101      620.8 1147.2 .3229+07     662.1   .9050  1.179  .71288  1.4029         .21101              .07959    .19906
                  P16    PXL      TP   TP/TT       PP     MDOT   PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
                475.3  473.9   555.0   .9884    472.0 .26371-03 .30198  3.3114        1.31224             1.21101    .07768

CORR CONF  POS          AREA      PT        P       TT      T      PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF     KINF
803    4  5.85          .4484    1564.     728.8   561.6   451.5  .74588  1.3407         .22174              .06821    .16336
       M            Q      V       RU        P9    P9/P     M9    PP/P9   P9/PP    (P9-PP)/(PT-P9)        MVJ/MV9        K9
     1.104      621.8 1149.8 .3229+07     662.9   .9096  1.179  .82003  1.2195         .13239              .06928    .20267
                  P16    PXL      TP   TP/TT       PP     MDOT   PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
                546.1  545.1   554.3   .9870    543.6 .22971-03 .34757  2.8771        1.22174             1.13239    .06762

CORR CONF  POS          AREA      PT        P       TT      T      PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF     KINF
804    4  5.85          .4484    1563.     734.3   561.8   452.7  .83821  1.1930         .14336              .04298    .12028
       M            Q      V       RU        P9    P9/P     M9    PP/P9   P9/PP    (P9-PP)/(PT-P9)        MVJ/MV9        K9
     1.098      619.7 1145.1 .3224+07     663.3   .9033  1.178  .92794  1.0777         .05313              .04372    .18884
                  P16    PXL      TP   TP/TT       PP     MDOT   PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
                615.2  616.1   554.3   .9867    615.5 .14487-03 .39379  2.5394        1.14336             1.05313    .04268

CORR CONF  POS          AREA      PT        P       TT      T      PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF     KINF
805    4  5.85          .4484    1564.     730.2   561.7   451.9  .90016  1.1100         .08743              .03476    .11968
       M            Q      V       RU        P9    P9/P     M9    PP/P9   P9/PP    (P9-PP)/(PT-P9)        MVJ/MV9        K9
     1.102      620.7 1148.2 .3225+07     662.1   .9067  1.180  .99275  1.0073         .00532              .03531    .46468
                  P16    PXL      TP   TP/TT       PP     MDOT   PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
                651.6  653.2   553.1   .9847    657.3 .11704-03 .42027  2.3794        1.08743             1.00532    .03446

CORR CONF  POS          AREA      PT        P       TT      T      PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF     KINF
807    4  5.85          .4484    1549.     911.7   559.7   481.0  .66601  1.5015         .47780              .17135    .30171
       M            Q      V       RU        P9    P9/P     M9    PP/P9   P9/PP    (P9-PP)/(PT-P9)        MVJ/MV9        K9
      .904      521.5  971.8 .3046+07     699.9   .9871   .916  .67474  1.4820         .45093              .17099    .30752
                  P16    PXL      TP   TP/TT       PP     MDOT   PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
                607.2  610.2   556.1   .9936    607.2 .57273-03 .39190  2.5511        1.47780             1.45093    .16995
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CORR CONF  POS          AREA      PT        P       TT       T      PP/P    P/PP    (P-PP)/(PT-P)       MVJ/MVINF    KINF
808    4 5.85           .4484    1550.    913.0    559.7   481.2  .77768  1.2856          .31837          .12656   .25061
        M          Q      V       RU       P9      P9/P      M9    PP/P9   P9/PP   (P9-PP)/(PT-P9)      MVJ/MV9      K9
     .903      521.1  970.9 .3046+07    900.5    .9863    .916  .78867  1.2680          .29299          .12623   .25855
                 P16    PXL      TP     IP/TT      PP      MDOT   PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)   KDIT
               709.6  710.4   555.1     .9918   710.2 .42305-03  .45819  2.1825         1.31837         1.29299   .12545

CORR CONF  POS          AREA      PT        P       TT       T      PP/P    P/PP    (P-PP)/(PT-P)       MVJ/MVINF    KINF
809    4 5.85           .4484    1550.    913.0    559.6   481.1  .87656  1.1408          .17692          .05471   .13622
        M          Q      V       RU       P9      P9/P      M9    PP/P9   P9/PP   (P9-PP)/(PT-P9)      MVJ/MV9      K9
     .903      521.1  970.8 .3046+07    900.6    .9864    .916  .88863  1.1253          .15445          .05457   .14431
                 P16    PXL      TP     IP/TT      PP      MDOT   PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)   KDIT
               800.6  802.7   554.1     .9902   800.3 .18292-03  .51632  1.9368         1.17692         1.15445   .05424

CORR CONF  POS          AREA      PT        P       TT       T      PP/P    P/PP    (P-PP)/(PT-P)       MVJ/MVINF    KINF
810    4 5.85           .4484    1550.    912.4    559.5   480.9  .92766  1.0780          .10351          .02806   .08863
        M          Q      V       RU       P9      P9/P      M9    PP/P9   P9/PP   (P9-PP)/(PT-P9)      MVJ/MV9      K9
     .904      521.9  971.7 .3049+07    901.0    .9875    .916  .93940  1.0645          .08413          .02801   .09740
                 P16    PXL      TP     IP/TT      PP      MDOT   PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)   KDIT
               845.4  845.9   552.8     .9880   846.4 .93883-04  .54606  1.8313         1.10351         1.08413   .02785

CORR CONF  POS          AREA      PT        P       TT       T      PP/P    P/PP    (P-PP)/(PT-P)       MVJ/MVINF    KINF
814    4 5.85           .4484    1563.   1124.0    554.4   504.5  .89591  1.1162          .26651          .13017   .26391
        M          Q      V       RU       P9      P9/P      M9    PP/P9   P9/PP   (P9-PP)/(PT-P9)      MVJ/MV9      K9
     .703      388.8  773.9 .2747+07   1103.0    .9813    .724  .91296  1.0953          .20870          .12853   .29113
                 P16    PXL      TP     IP/TT      PP      MDOT   PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)   KDIT
              1019.0 1004.0   552.2     .9960  1007.0 .40729-03  .64427  1.5521         1.26651         1.20870   .12292

CORR CONF  POS          AREA      PT        P       TT       T      PP/P    P/PP    (P-PP)/(PT-P)       MVJ/MVINF    KINF
815    4 5.85           .4484    1563.   1124.0    554.0   504.1  .94840  1.0544          .13212          .04395   .12273
        M          Q      V       RU       P9      P9/P      M9    PP/P9   P9/PP   (P9-PP)/(PT-P9)      MVJ/MV9      K9
     .703      388.8  773.6 .2749+07   1104.0    .9822    .723  .96558  1.0356          .08279          .04342   .15152
                 P16    PXL      TP     IP/TT      PP      MDOT   PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)   KDIT
              1069.0 1069.0   551.4     .9953  1066.0 .13756-03  .68202  1.4662         1.13212         1.08279   .04254

CORR CONF  POS          AREA      PT        P       TT       T      PP/P    P/PP    (P-PP)/(PT-P)       MVJ/MVINF    KINF
132   10  .00           .4464    1534.    231.9    566.3   330.1  .65502  1.5267          .06144          .04245   .18863
        M          Q      V       RU       P9      P9/P      M9    PP/P9   P9/PP   (P9-PP)/(PT-P9)      MVJ/MV9      K9
    1.892      581.1 1684.9 .2679+07    227.7    .9819   1.903  .66711  1.4990          .05803          .04286   .19360
                 P16    PXL      TP     IP/TT      PP      MDOT   PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)   KDIT
               145.9  146.2   545.3     .9629   151.9 .91184-04  .09902 10.0987         1.06144         1.05803   .02748
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CORR CONF  POS          AREA      PT        P       TT      T       PP/P    P/PP       (P-PP)/(PT-P)          MVJ/MVINF     KINF
 133   10  .00          .4484    1534.    231.9   566.6  330.2    .73652  1.3577           .04692                .02494   .11888
         M          Q     V       RU        P9     P9/P     M9     PP/P9   P9/PP   (P9-PP)/(PT-P9)            MVJ/MV9       K9
     1.892      581.1 1685.1  .2678+07    227.7   .9819  1.903    .75011  1.3331           .04356                .02518   .12308
                  P16    PXL      TP    TP/TT      PP     MDOT     PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                167.4  167.6   544.8    .9615   170.8 .53552-04   .11134  8.9813          1.04692               1.04356   .01614

CORR CONF  POS          AREA      PT        P       TT      T       PP/P    P/PP       (P-PP)/(PT-P)          MVJ/MVINF     KINF
 134   10  .00          .4484    1534.    231.9   567.1  330.6    .83915  1.1917           .02865                .01236   .07024
         M          Q     V       RU        P9     P9/P     M9     PP/P9   P9/PP   (P9-PP)/(PT-P9)            MVJ/MV9       K9
     1.892      581.1 1686.1  .2673+07    227.9   .9828  1.903    .85388  1.1711           .02550                .01248   .07429
                  P16    PXL      TP    TP/TT      PP     MDOT     PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                191.9  192.7   543.6    .9586   194.6 .26533-04   .12686  7.8828          1.02865               1.02550   .00800

CORR CONF  POS          AREA      PT        P       TT      T       PP/P    P/PP       (P-PP)/(PT-P)          MVJ/MVINF     KINF
 135   10  .00          .4484    1534.    231.9   567.9  331.0    .94308  1.0604           .01014                .00565   .05069
         M          Q     V       RU        P9     P9/P     M9     PP/P9   P9/PP   (P9-PP)/(PT-P9)            MVJ/MV9       K9
     1.892      581.1 1687.2  .2669+07    227.9   .9828  1.903    .95963  1.0421           .00704                .00570   .06068
                  P16    PXL      TP    TP/TT      PP     MDOT     PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                213.6  214.7   541.9    .9542   218.7 .12123-04   .14257  7.0142          1.01014               1.00704   .00366

CORR CONF  POS          AREA      PT        P       TT      T       PP/P    P/PP       (P-PP)/(PT-P)          MVJ/MVINF     KINF
 136   10  .00          .4484    1534.    231.9   568.1  331.2    .99784  1.0022           .00038                .00000   .00000
         M          Q     V       RU        P9     P9/P     M9     PP/P9   P9/PP   (P9-PP)/(PT-P9)            MVJ/MV9       K9
     1.892      581.1 1687.7  .2666+07    228.3   .9845  1.902   1.01358   .9866          -.00237                .00000   .00000
                  P16    PXL      TP    TP/TT      PP     MDOT     PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                228.2  228.2   541.3    .9528   231.4 .00000      .15085  6.6292          1.00038                .99763   .00000

CORR CONF  POS          AREA      PT        P       TT      T       PP/P    P/PP       (P-PP)/(PT-P)          MVJ/MVINF     KINF
 137   10  .00          .4484    1550.    366.3   569.2  377.0    .63600  1.5721           .11261                .04572   .15919
         M          Q     V       RU        P9     P9/P     M9     PP/P9   P9/PP   (P9-PP)/(PT-P9)            MVJ/MV9       K9
     1.597      654.0 1519.8  .2981+07    367.2  1.0025  1.595    .63453  1.5760           .11346                .04567   .15867
                  P16    PXL      TP    TP/TT      PP     MDOT     PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                228.7  226.9   548.5    .9636   233.0 .12252-03   .15032  6.6524          1.11261               1.11346   .03664

CORR CONF  POS          AREA      PT        P       TT      T       PP/P    P/PP       (P-PP)/(PT-P)          MVJ/MVINF     KINF
 138   10  .00          .4484    1550.    366.3   569.3  377.0    .73055  1.3688           .08338                .03857   .14460
         M          Q     V       RU        P9     P9/P     M9     PP/P9   P9/PP   (P9-PP)/(PT-P9)            MVJ/MV9       K9
     1.597      654.0 1519.8  .2981+07    366.2   .9997  1.597    .73075  1.3685           .08329                .03857   .14468
                  P16    PXL      TP    TP/TT      PP     MDOT     PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                262.7  262.6   547.9    .9624   267.6 .10334-03   .17265  5.7922          1.08338               1.08329   .03091
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CORR CONF  POS         AREA      PT        P      TT      T     PP/P     P/PP    (P-PP)/(PT-P)          MVJ/MVINF     KINF
 139   10  .00        .4484    1550.    366.3   569.5  377.1   .82228   1.2161          .05500             .03045     .13181
        M          Q      V       RH       P9    P9/P     MO    PP/P9    P9/PP   (P9-PP)/(PT-P9)           MVJ/MV9       K9
    1.597      654.0 1520.0 .2980+07    365.5   .9978  1.598   .82408   1.2135          .05428             .03048     .13262
                 P16    PXL       TP    IP/TT      PP   MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
               294.7  294.7    547.0    .9605   301.2 .81591-04 .19432  5.1461         1.05500            1.05428     .02441

CORR CONF  POS         AREA      PT        P      TT      T     PP/P     P/PP    (P-PP)/(PT-P)          MVJ/MVINF     KINF
 140   10  .00        .4484    1550.    367.1   569.6  377.5   .92400   1.0823          .02359             .01160     .07194
        M          Q      V       RH       P9    P9/P     MO    PP/P9    P9/PP   (P9-PP)/(PT-P9)           MVJ/MV9       K9
    1.595      653.7 1516.9 .2978+07    367.2  1.0003  1.595   .92375   1.0825          .02367             .01159     .07181
                 P16    PXL       TP    IP/TT      PP   MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
               335.9  335.5    545.1    .9570   339.2 .31081-04 .21984  4.5696         1.02359            1.02367     .00930

CORR CONF  POS         AREA      PT        P      TT      T     PP/P     P/PP    (P-PP)/(PT-P)          MVJ/MVINF     KINF
 141   10  .00        .4484    1550.    365.6   570.0  377.3   .97702   1.0235          .00709             .00611     .06708
        M          Q      V       RH       P9    P9/P     MO    PP/P9    P9/PP   (P9-PP)/(PT-P9)           MVJ/MV9       K9
    1.598      653.5 1521.4 .2974+07    364.6   .9973  1.600   .97970   1.0207          .00624             .00612     .07146
                 P16    PXL       TP    IP/TT      PP   MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
               350.1  350.8    543.9    .9542   357.2 .16347-04 .23045  4.3393         1.00709            1.00624     .00489

CORR CONF  POS         AREA      PT        P      TT      T     PP/P     P/PP    (P-PP)/(PT-P)          MVJ/MVINF     KINF
 142   10  .00        .4484    1558.    561.7   570.5  426.2   .64412   1.5525          .20064             .08019     .21506
        M          Q      V       RH       P9    P9/P     MO    PP/P9    P9/PP   (P9-PP)/(PT-P9)           MVJ/MV9       K9
    1.301      665.5 1316.5 .3163+07    550.3   .9904  1.308   .65037   1.5376          .19417             .08044     .21792
                 P16    PXL       TP    IP/TT      PP   MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
               350.3  352.2    552.0    .9676   361.8 .25247-03 .23222  4.3062         1.20064            1.19417     .07520

CORR CONF  POS         AREA      PT        P      TT      T     PP/P     P/PP    (P-PP)/(PT-P)          MVJ/MVINF     KINF
 143   10  .00        .4484    1556.    561.6   570.7  426.5   .70584   1.4168          .16613             .06552     .18360
        M          Q      V       RH       P9    P9/P     MO    PP/P9    P9/PP   (P9-PP)/(PT-P9)           MVJ/MV9       K9
    1.300      664.4 1315.9 .3157+07    553.8   .9861  1.310   .71578   1.3971          .15705             .06579     .18796
                 P16    PXL       TP    IP/TT      PP   MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
               388.3  391.2    551.8    .9669   396.4 .20601-03 .25476  3.9253         1.16613            1.15705     .06145

CORR CONF  POS         AREA      PT        P      TT      T     PP/P     P/PP    (P-PP)/(PT-P)          MVJ/MVINF     KINF
 144   10  .00        .4484    1562.    563.1   569.9  425.7   .80305   1.2452          .11102             .04555     .14551
        M          Q      V       RH       P9    P9/P     MO    PP/P9    P9/PP   (P9-PP)/(PT-P9)           MVJ/MV9       K9
    1.301      667.2 1315.7 .3176+07    555.3   .9861  1.311   .81433   1.2280          .10241             .04574     .15082
                 P16    PXL       TP    IP/TT      PP   MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
               446.0  444.4    550.9    .9667   452.2 .14384-03 .28950  3.4542         1.11102            1.10241     .04271
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CORR CONF   POS           AREA       PT         P       TT       T        PP/P     P/PP      (P-PP)/(PT-P)                 MVJ/MVINF      KINF
 145   10   .00          .4484     1562.      563.1    569.2   425.3    .90748   1.1020            .05216                  .02442    .10651
         M              Q       V       RU         P9     P9/P      M9     PP/P9    P9/PP      (P9-PP)/(PT-P9)               MVJ/MV9         K9
      1.301        667.2  1315.1  .3180+07     556.5    .9883   1.309    .91824   1.0890            .04525                  .02451    .11393
                     P16     PXL      TP    IP/TT       PP     MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
                   504.0   504.6   549.2    .9649   511.0 .77158-04    .32714   3.0568           1.05216             1.04525    .02290

CORR CONF   POS           AREA       PT         P       TT       T        PP/P     P/PP      (P-PP)/(PT-P)                 MVJ/MVINF      KINF
 146   10   .00          .4484     1559.      562.4    568.2   424.6    .95928   1.0424            .02298                  .00664    .04236
         M              Q       V       RU         P9     P9/P      M9     PP/P9    P9/PP      (P9-PP)/(PT-P9)               MVJ/MV9         K9
      1.300        665.3  1513.0  .3180+07     554.8    .9865   1.310    .97242   1.0284            .01524                  .00667    .05180
                     P16     PXL      TP    IP/TT       PP     MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
                   535.5   537.4   547.0    .9627   539.5 .20969-04    .34606   2.8897           1.02298             1.01524    .00623

CORR CONF   POS           AREA       PT         P       TT       T        PP/P     P/PP      (P-PP)/(PT-P)                 MVJ/MVINF      KINF
 147   10   .00          .4484     1560.      729.5    564.9   454.7    .74805   1.3368            .22131                  .12660    .30303
         M              Q       V       RU         P9     P9/P      M9     PP/P9    P9/PP      (P9-PP)/(PT-P9)               MVJ/MV9         K9
      1.101        619.0  1150.7  .3193+07     758.4   1.0396   1.070    .71954   1.3898            .26534                  .12603    .28221
                     P16     PXL      TP    IP/TT       PP     MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
                   537.1   537.8   553.5    .9798   545.7 .42413-03    .34981   2.8587           1.22131             1.26534    .12555

CORR CONF   POS           AREA       PT         P       TT       T        PP/P     P/PP      (P-PP)/(PT-P)                 MVJ/MVINF      KINF
 148   10   .00          .4484     1559.      728.1    564.5   454.1    .81431   1.2280            .16272                  .10710    .28546
         M              Q       V       RU         P9     P9/P      M9     PP/P9    P9/PP      (P9-PP)/(PT-P9)               MVJ/MV9         K9
      1.102        618.9  1151.0  .3196+07     753.4   1.0347   1.075    .78697   1.2707            .19923                  .10668    .26239
                     P16     PXL      TP    IP/TT       PP     MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
                   581.9   577.4   553.2    .9800   592.9 .35868-03    .38031   2.6294           1.16272             1.19923    .10620

CORR CONF   POS           AREA       PT         P       TT       T        PP/P     P/PP      (P-PP)/(PT-P)                 MVJ/MVINF      KINF
 149   10   .00          .4484     1559.      728.1    564.3   454.0    .90825   1.1010            .08039                  .06602    .23595
         M              Q       V       RU         P9     P9/P      M9     PP/P9    P9/PP      (P9-PP)/(PT-P9)               MVJ/MV9         K9
      1.102        618.9  1150.9  .3197+07     753.8   1.0353   1.074    .87729   1.1399            .11488                  .06575    .20079
                     P16     PXL      TP    IP/TT       PP     MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
                   655.1   654.4   552.6    .9793   661.3 .22112-03    .42418   2.3575           1.08039             1.11488    .06546

CORR CONF   POS           AREA       PT         P       TT       T        PP/P     P/PP      (P-PP)/(PT-P)                 MVJ/MVINF      KINF
 152   10   .00          .4484     1559.      728.8    563.7   453.6    .95746   1.0444            .03734                  .03170    .16169
         M              Q       V       RU         P9     P9/P      M9     PP/P9    P9/PP      (P9-PP)/(PT-P9)               MVJ/MV9         K9
      1.102        619.5  1150.4  .3203+07     742.2   1.0184   1.087    .94018   1.0636            .05436                  .03164    .13520
                     P16     PXL      TP    IP/TT       PP     MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
                   691.6   693.5   551.2    .9778   697.8 .10631-03    .44759   2.2342           1.03734             1.05436    .03146
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CORR CONF  POS           AREA      PT         P      TT       T      PP/P    P/PP    (P-PP)/(PT-P)          MVJ/MVINF     KINF
 153   10  .00          .4484    1547.    912.2   562.7   483.0    .75762  1.3190          .34830              .22793    .43781
        M          Q        V      RU        P9    P9/P      MO     PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9       K9
     .902      519.5    972.5 .3018+07    926.0  1.0151    .889    .74633  1.3390          .37826              .22840    .42506
                 P16      PXL      TP     IP/TT      PP    MDOT     PP/PT   PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
               679.1    674.8   553.2     .9831   691.1 .75828-03  .44674  2.2385         1.34830             1.37826    .22590
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CORR CONF  POS           AREA      PT         P      TT       T      PP/P    P/PP    (P-PP)/(PT-P)          MVJ/MVINF     KINF
 154   10  .00          .4484    1547.    912.6   561.7   483.2    .80028  1.2496          .28745              .17150    .35217
        M          Q        V      RU        P9    P9/P      MO     PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9       K9
     .902      519.9    971.8 .3025+07    907.2   .9939    .908    .80522  1.2419          .27618              .17134    .35761
                 P16      PXL      TP     IP/TT      PP    MDOT     PP/PT   PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
               724.8    732.5   552.9     .9843   730.5 .57135-03  .47220  2.1177         1.28745             1.27618    .17006
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CORR CONF  POS           AREA      PT         P      TT       T      PP/P    P/PP    (P-PP)/(PT-P)          MVJ/MVINF     KINF
 155   10  .00          .4484    1546.    912.8   561.0   482.6    .91674  1.0908          .12003              .08741    .25800
        M          Q        V      RU        P9    P9/P      MO     PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9       K9
     .901      518.7    970.2 .3027+07    920.8  1.0088    .893    .90877  1.1004          .13436              .08752    .24549
                 P16      PXL      TP     IP/TT      PP    MDOT     PP/PT   PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
               826.9    823.1   552.1     .9841   836.8 .29107-03  .54127  1.8475         1.12003             1.13436    .08667
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CORR CONF  POS           AREA      PT         P      TT       T      PP/P    P/PP    (P-PP)/(PT-P)          MVJ/MVINF     KINF
 156   10  .00          .4484    1545.    913.3   560.5   482.3    .97416  1.0265          .03736              .03511    .17978
        M          Q        V      RU        P9    P9/P      MO     PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9       K9
     .900      517.8    966.8 .3028+07    922.4  1.0100    .891    .96455  1.0369          .05252              .03516    .15279
                 P16      PXL      TP     IP/TT      PP    MDOT     PP/PT   PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
               883.8    877.9   551.5     .9839   889.7 .11686-03  .57586  1.7365         1.03736             1.05252    .03497
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CORR CONF  POS           AREA      PT         P      TT       T      PP/P    P/PP    (P-PP)/(PT-P)          MVJ/MVINF     KINF
 159   10  .00          .4484    1561.   1124.0   555.9   506.0    .90747  1.1020          .23799              .15628    .33324
        M          Q        V      RU        P9    P9/P      MO     PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9       K9
     .702      387.7    774.0 .2732+07   1123.0   .9991    .702    .90828  1.1010          .23516              .15634    .33484
                 P16      PXL      TP     IP/TT      PP    MDOT     PP/PT   PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
              1013.0   1015.0   550.9     .9910  1020.0 .48759-03  .65343  1.5304         1.23799             1.23516    .14832
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CORR CONF  POS           AREA      PT         P      TT       T      PP/P    P/PP    (P-PP)/(PT-P)          MVJ/MVINF     KINF
 160   10  .00          .4484    1561.   1123.0   555.7   505.7    .95726  1.0447          .10959              .06730    .20547
        M          Q        V      RU        P9    P9/P      MO     PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9       K9
     .703      388.5    774.9 .2730+07   1123.0  1.0000    .702    .95726  1.0447          .10959              .06737    .20547
                 P16      PXL      TP     IP/TT      PP    MDOT     PP/PT   PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
              1072.0   1076.0   550.4     .9905  1075.0 .21015-03  .68866  1.4521         1.10959             1.10959    .06551
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CORR CONF POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
939 10 1.75		.4484	1534.	230.7	557.2	324.3	.73342	1.3635	.04719	.04099	.19514
M	Q	V	RH	P9	P9/P	MO	PP/PO	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
1.895	579.9	1672.7	.2735+07	236.1	1.0234	1.880	.71665	1.3954	.05154	.04050	.18730
	P16	PXL	TP	TP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
	167.6	166.1	543.5	.9754	169.2	.88496-04	.11030	9.0662	1.04719	1.05154	.02646

CORR CONF POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
940 10 1.75		.4484	1534.	230.7	557.7	324.6	.82011	1.2193	.03184	.02937	.16019
M	Q	V	RH	P9	P9/P	MO	PP/PO	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
1.895	579.9	1673.4	.2732+07	236.4	1.0247	1.879	.80034	1.2495	.03637	.02901	.15036
	P16	PXL	TP	TP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
	189.1	188.7	542.7	.9731	189.2	.63397-04	.12334	8.1078	1.03184	1.03637	.01896

CORR CONF POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
941 10 1.75		.4484	1535.	231.3	558.0	325.0	.90532	1.1046	.01680	.01944	.13828
M	Q	V	RH	P9	P9/P	MO	PP/PO	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
1.893	580.2	1672.7	.2731+07	236.6	1.0229	1.879	.88504	1.1299	.02095	.01920	.12419
	P16	PXL	TP	TP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
	206.1	222.5	541.7	.9708	209.4	.41985-04	.13642	7.3305	1.01680	1.02095	.01255

CORR CONF POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
942 10 1.75		.4484	1535.	231.3	558.7	325.4	.97492	1.0257	.00445	.00451	.05992
M	Q	V	RH	P9	P9/P	MO	PP/PO	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
1.893	580.2	1673.7	.2726+07	236.8	1.0238	1.879	.95228	1.0501	.00870	.00445	.04297
	P16	PXL	TP	TP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
	222.7	221.9	541.4	.9690	225.5	.97375-05	.14691	6.8071	1.00445	1.00870	.00291

CORR CONF POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
944 10 1.75		.4484	1554.	422.9	560.4	386.4	.62237	1.6068	.14119	.07262	.23142
M	Q	V	RH	P9	P9/P	MO	PP/PO	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
1.501	667.0	1446.2	.3130+07	430.7	1.0184	1.488	.61110	1.6364	.14911	.07211	.22619
	P16	PXL	TP	TP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
	258.5	259.2	549.4	.9804	263.2	.20858-03	.16937	5.9043	1.14119	1.14911	.06173

CORR CONF POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
945 10 1.75		.4484	1554.	422.9	560.6	386.5	.70300	1.4225	.11104	.05759	.19349
M	Q	V	RH	P9	P9/P	MO	PP/PO	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
1.501	667.0	1446.4	.3128+07	430.7	1.0184	1.488	.69027	1.4487	.11876	.05719	.18792
	P16	PXL	TP	TP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
	293.0	294.0	549.2	.9797	297.3	.16538-03	.19131	5.2270	1.11104	1.11876	.04896

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CORR CONF  POS          AREA     PT       P      TT      T      PP/P     P/PP      (P-PP)/(PT-P)          MVJ/MVINF    KINF
946   10 1.75           .4484    1554.    422.9  560.9   386.7  .79712   1.2546         .07586              .03985    .15124
      M           Q     V        RU       P9     P9/P    MO     PP/P9    P9/PP     (P9-PP)/(PT-P9)        MVJ/MV9       K9
   1.501          667.0 1446.7   .3126+07 430.9  1.0189  1.488  .78232   1.2783         .08352              .03956    .14477
                  P16   PXL      TP       PP/TT  PP      MDOT   PP/PT    PT/PP     (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
                  333.7 332.9    548.7    .9762  337.1 .11441-03 .21692  4.6090         1.07586            1.08352   .03388

CORR CONF  POS          AREA     PT       P      TT      T      PP/P     P/PP      (P-PP)/(PT-P)          MVJ/MVINF    KINF
947   10 1.75           .4484    1554.    422.9  561.2   386.9  .90683   1.1027         .03483              .01990    .10392
      M           Q     V        RU       P9     P9/P    MO     PP/P9    P9/PP     (P9-PP)/(PT-P9)        MVJ/MV9       K9
   1.501          667.0 1447.1   .3124+07 431.0  1.0192  1.488  .88979   1.1239         .04230              .01976    .09472
                  P16   PXL      TP       PP/TT  PP      MDOT   PP/PT    PT/PP     (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
                  380.8 379.2    546.3    .9734  383.5 .57115-04 .24678  4.0522         1.03483            1.04230   .01692

CORR CONF  POS          AREA     PT       P      TT      T      PP/P     P/PP      (P-PP)/(PT-P)          MVJ/MVINF    KINF
948   10 1.75           .4484    1554.    422.9  561.5   387.1  .96358   1.0379         .01362              .00754    .06099
      M           Q     V        RU       P9     P9/P    MO     PP/P9    P9/PP     (P9-PP)/(PT-P9)        MVJ/MV9       K9
   1.501          667.0 1447.5   .3122+07 430.8  1.0187  1.488  .94591   1.0572         .02074              .00749    .04962
                  P16   PXL      TP       PP/TT  PP      MDOT   PP/PT    PT/PP     (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
                  405.1 402.9    545.7    .9719  407.5 .21647-04 .26223  3.8135         1.01362            1.02074   .00641

CORR CONF  POS          AREA     PT       P      TT      T      PP/P     P/PP      (P-PP)/(PT-P)          MVJ/MVINF    KINF
949   10 1.75           .4484    1554.    422.9  562.0   387.5  .98179   1.0185         .00681              .00217    .02458
      M           Q     V        RU       P9     P9/P    MO     PP/P9    P9/PP     (P9-PP)/(PT-P9)        MVJ/MV9       K9
   1.501          667.0 1446.2   .3118+07 430.9  1.0189  1.488  .96356   1.0378         .01398              .00216    .01723
                  P16   PXL      TP       PP/TT  PP      MDOT   PP/PT    PT/PP     (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
                  262.1 254.7    546.0    .9715  415.2 .62287-05 .26715  3.7429         1.00681            1.01398   .00185

CORR CONF  POS          AREA     PT       P      TT      T      PP/P     P/PP      (P-PP)/(PT-P)          MVJ/MVINF    KINF
951   10 1.75           .4484    1558.    728.1  558.6   449.5  .66186   1.5109         .29666              .14455    .31976
      M           Q     V        RU       P9     P9/P    MO     PP/P9    P9/PP     (P9-PP)/(PT-P9)        MVJ/MV9       K9
   1.102          618.9 1145.2   .3238+07 724.2  .9946   1.106  .66542   1.5029         .29060              .14468    .32224
                  P16   PXL      TP       PP/TT  PP      MDOT   PP/PT    PT/PP     (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
                  479.0 478.7    553.5    .9909  481.9 .48657-03 .30931  3.2330         1.29666            1.29060   .14340

CORR CONF  POS          AREA     PT       P      TT      T      PP/P     P/PP      (P-PP)/(PT-P)          MVJ/MVINF    KINF
952   10 1.75           .4484    1558.    728.8  558.6   449.6  .67440   1.4829         .28618              .14198    .31644
      M           Q     V        RU       P9     P9/P    MO     PP/P9    P9/PP     (P9-PP)/(PT-P9)        MVJ/MV9       K9
   1.101          618.4 1144.3   .3238+07 724.3  .9938   1.106  .67850   1.4737         .27924              .14209    .31938
                  P16   PXL      TP       PP/TT  PP      MDOT   PP/PT    PT/PP     (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
                  482.6 480.1    553.1    .9902  491.5 .47787-03 .31547  3.1699         1.28618            1.27924   .14084
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CORR CONF  POS         AREA      PT        P       TT       T      PP/P    P/PP      (P-PP)/(PT-P)        MVJ/MVINF     KINF
953   10 1.75         .4484    1558.    720.1   558.5   449.4   .77792  1.2855           .19484          .11122    .27785
          M        Q      V      RH        P9     P9/P      MO    PP/P9   P9/PP    (P9-PP)/(PT-P9)       MVJ/MV9        K9
      1.102    618.9 1145.0 .3239+07    723.9    .9942   1.106   .78243  1.2781           .18883          .11133    .28146
                 P16    PXL     TP     TP/TT      PP      MDOT   PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
               562.4  562.1   552.9    .9900   566.4 .37442-03  .36354  2.7507          1.19484         1.18883    .11034
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CORR CONF  POS         AREA      PT        P       TT       T      PP/P    P/PP      (P-PP)/(PT-P)        MVJ/MVINF     KINF
954   10 1.75         .4484    1558.    730.1   558.6   449.8   .87919  1.1374           .10653          .07189    .22714
          M        Q      V      RH        P9     P9/P      MO    PP/P9   P9/PP    (P9-PP)/(PT-P9)       MVJ/MV9        K9
      1.099    617.3 1142.4 .3230+07    724.1    .9918   1.106   .88648  1.1281           .09857          .07193    .23520
                 P16    PXL     TP     TP/TT      PP      MDOT   PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
               641.7  633.3   552.2    .9885   641.9 .24190-03  .41200  2.4272          1.10653         1.09857    .07129
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CORR CONF  POS         AREA      PT        P       TT       T      PP/P    P/PP      (P-PP)/(PT-P)        MVJ/MVINF     KINF
955   10 1.75         .4484    1558.    730.1   558.5   449.8   .92549  1.0805           .06571          .04949    .19367
          M        Q      V      RH        P9     P9/P      MO    PP/P9   P9/PP    (P9-PP)/(PT-P9)       MVJ/MV9        K9
      1.099    617.3 1142.4 .3236+07    724.5    .9923   1.106   .93264  1.0722           .05855          .04951    .20442
                 P16    PXL     TP     TP/TT      PP      MDOT   PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
               674.4  669.4   551.8    .9880   675.7 .16655-03  .43370  2.3058          1.06571         1.05855    .04908
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CORR CONF  POS         AREA      PT        P       TT       T      PP/P    P/PP      (P-PP)/(PT-P)        MVJ/MVINF     KINF
957   10 1.75         .4484    1560.   1126.0   553.7   504.5   .75053  1.3324           .64724          .30986    .44396
          M        Q      V      RH        P9     P9/P      MO    PP/P9   P9/PP    (P9-PP)/(PT-P9)       MVJ/MV9        K9
       .699    385.1  769.5 .2736+07   1117.0    .9920    .708   .75658  1.3217           .61377          .30819    .45108
                 P16    PXL     TP     TP/TT      PP      MDOT   PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
               840.3  842.8   550.5    .9942   845.1 .96575-03  .54173  1.8450          1.64724         1.61377    .28313
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CORR CONF  POS         AREA      PT        P       TT       T      PP/P    P/PP      (P-PP)/(PT-P)        MVJ/MVINF     KINF
958   10 1.75         .4484    1560.   1126.0   553.3   504.1   .80089  1.2486           .51659          .26195    .40492
          M        Q      V      RH        P9     P9/P      MO    PP/P9   P9/PP    (P9-PP)/(PT-P9)       MVJ/MV9        K9
       .698    384.0  768.1 .2735+07   1118.0    .9929    .707   .80662  1.2397           .48914          .26034    .41221
                 P16    PXL     TP     TP/TT      PP      MDOT   PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
               693.6  696.6   550.4    .9948   901.8 .81558-03  .57808  1.7299          1.51659         1.48914    .24024
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CORR CONF  POS         AREA      PT        P       TT       T      PP/P    P/PP      (P-PP)/(PT-P)        MVJ/MVINF     KINF
959   10 1.75         .4484    1560.   1128.0   552.9   504.0   .89982  1.1113           .26157          .15426    .31507
          M        Q      V      RH        P9     P9/P      MO    PP/P9   P9/PP    (P9-PP)/(PT-P9)       MVJ/MV9        K9
       .697    383.6  767.0 .2736+07   1120.0    .9929    .705   .90625  1.1034           .23864          .15352    .32676
                 P16    PXL     TP     TP/TT      PP      MDOT   PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
              1012.0 1014.0   550.1    .9949  1015.0 .48049-03  .65064  1.5369          1.26157         1.23864    .14562
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CORR CONF  POS          AREA       PT        P       TT       T        PP/P     P/PP       (P-PP)/(PT-P)          MVJ/MVINF      KINF
960   10  1.75          .4484     1560.   1127.0   552.7   503.7     .95031   1.0523            .12933             .08451     .23801
        M          Q       V        RU       P9     P9/P      MO      PP/PO    P9/PP      (P9-PP)/(PT-P9)          MVJ/MV9        K9
     .697      383.3   766.7  .2730+07   1119.0   .9929    .706     .95710   1.0448            .10884             .08399     .25701
                 P16     PXL        TP    TP/TT      PP    MDOT      PP/PT    PT/PP      (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)       KDIT
              1069.0  1069.0     549.8    .9948  1071.0 .26308-03   .68654   1.4566           1.12933            1.10884     .08170
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CORR CONF  POS          AREA       PT        P       TT       T        PP/P     P/PP       (P-PP)/(PT-P)          MVJ/MVINF      KINF
698   10  5.85          .4484     1534.    231.9   566.3   330.1     .63950   1.5637            .06420             .03811     .16786
        M          Q       V        RU       P9     P9/P      MO      PP/PO    P9/PP      (P9-PP)/(PT-P9)          MVJ/MV9        K9
    1.892      581.1  1684.9  .2679+07    234.6  1.0116   1.884     .63214   1.5819            .06642             .03789     .16532
                 P16     PXL        TP    TP/TT      PP    MDOT      PP/PT    PT/PP      (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)       KDIT
               147.5   146.7        .0    .0000   148.3 .81860-04   .09668  10.3439           1.06420            1.06642     .02467
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CORR CONF  POS          AREA       PT        P       TT       T        PP/P     P/PP       (P-PP)/(PT-P)          MVJ/MVINF      KINF
700   10  5.85          .4484     1533.    231.9   569.0   331.8     .73092   1.3681            .04796             .02547     .12058
        M          Q       V        RU       P9     P9/P      MO      PP/PO    P9/PP      (P9-PP)/(PT-P9)          MVJ/MV9        K9
    1.891      580.5  1688.3  .2658+07    234.7  1.0121   1.883     .72220   1.3847            .05022             .02531     .11803
                 P16     PXL        TP    TP/TT      PP    MDOT      PP/PT    PT/PP      (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)       KDIT
               168.6   166.8        .0    .0000   169.5 .54548-04   .11057   9.0442           1.04796            1.05022     .01649
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CORR CONF  POS          AREA       PT        P       TT       T        PP/P     P/PP       (P-PP)/(PT-P)          MVJ/MVINF      KINF
701   10  5.85          .4484     1533.    231.9   569.3   331.9     .81242   1.2309            .03343             .01562     .08358
        M          Q       V        RU       P9     P9/P      MO      PP/PO    P9/PP      (P9-PP)/(PT-P9)          MVJ/MV9        K9
    1.891      580.5  1686.6  .2657+07    235.1  1.0138   1.882     .80136   1.2479            .03598             .01550     .08071
                 P16     PXL        TP    TP/TT      PP    MDOT      PP/PT    PT/PP      (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)       KDIT
               187.1   186.7        .0    .0000   188.4 .33433-04   .12290   8.1369           1.03343            1.03598     .01011
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CORR CONF  POS          AREA       PT        P       TT       T        PP/P     P/PP       (P-PP)/(PT-P)          MVJ/MVINF      KINF
702   10  5.85          .4484     1533.    231.9   569.2   331.8     .92454   1.0816            .01345             .00830     .06534
        M          Q       V        RU       P9     P9/P      MO      PP/PO    P9/PP      (P9-PP)/(PT-P9)          MVJ/MV9        K9
    1.891      580.5  1688.3  .2658+07    235.0  1.0134   1.883     .91234   1.0961            .01587             .00825     .06026
                 P16     PXL        TP    TP/TT      PP    MDOT      PP/PT    PT/PP      (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)       KDIT
               214.3   213.2        .0    .0000   214.4 .17783-04   .13986   7.1502           1.01345            1.01587     .00538
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CORR CONF  POS          AREA       PT        P       TT       T        PP/P     P/PP       (P-PP)/(PT-P)          MVJ/MVINF      KINF
703   10  5.85          .4484     1533.    231.9   569.4   332.0     .98534   1.0149            .00261             .00546     .09425
        M          Q       V        RU       P9     P9/P      MO      PP/PO    P9/PP      (P9-PP)/(PT-P9)          MVJ/MV9        K9
    1.891      580.5  1688.8  .2656+07    235.1  1.0138   1.882     .97193   1.0289            .00509             .00543     .06768
                 P16     PXL        TP    TP/TT      PP    MDOT      PP/PT    PT/PP      (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)       KDIT
               224.2   223.8        .0    .0000   228.5 .11697-04   .14905   6.7090           1.00261            1.00509     .00354
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CORR CONF  POS            AREA       PT          P        TT        T       PP/P     P/PP      (P-PP)/(PT-P)             MVJ/MVINF      KINF
705    10 5.65            .4484     1548.     365.6     570.4    377.7    .59847   1.6709            .12415                 .04327    .14836
       M              Q       V       KD         P9      P9/P       MO      PP/PO    P9/PP      (P9-PP)/(PT-P9)             MVJ/MV9        K9
    1.597         652.7  1521.3  .2968+07     377.9    1.0336    1.575    .57899   1.7271            .13597                 .04264    .14277
                    P16     PXL       TP     IP/TT        PP      MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
                  217.3   217.7       .0     .0000     218.8 .11561-03    .14130   7.0750           1.12415                1.13597    .03466

CORR CONF  POS            AREA       PT          P        TT        T       PP/P     P/PP      (P-PP)/(PT-P)             MVJ/MVINF      KINF
706    10 5.85            .4484     1548.     360.4     570.4    377.9    .70606   1.4163            .09115                 .03469    .12679
       M              Q       V       KD         P9      P9/P       MO      PP/PO    P9/PP      (P9-PP)/(PT-P9)             MVJ/MV9        K9
    1.596         653.3  1520.7  .2970+07     378.0    1.0317    1.575    .68430   1.4612            .10197                 .03423    .12066
                    P16     PXL       TP     IP/TT        PP      MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
                  253.5   254.0       .0     .0000     258.7 .92824-04    .16712   5.9838           1.09115                1.10197    .02782

CORR CONF  POS            AREA       PT          P        TT        T       PP/P     P/PP      (P-PP)/(PT-P)              VJ/MVINF      KINF
707    10 5.85            .4484     1550.     360.5     570.2    377.6    .80699   1.2392            .05973                 .02577    .10814
       M              Q       V       KD         P9      P9/P       MO      PP/PO    P9/PP      (P9-PP)/(PT-P9)              VJ/MV9        K9
    1.597         654.0  1521.1  .2975+07     378.0    1.0319    1.576    .78201   1.2788            .07031                 .02542    .10030
                    P16     PXL       TP     IP/TT        PP      MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
                  291.2   290.7       .0     .0000     295.6 .69003-04    .19071   5.2436           1.05973                1.07031    .02065

CORR CONF  POS            AREA       PT          P        TT        T       PP/P     P/PP      (P-PP)/(PT-P)             MVJ/MVINF      KINF
708    10 5.85            .4484     1549.     360.4     570.5    377.9    .90748   1.1020            .02867                 .00986    .05602
       M              Q       V       KD         P9      P9/P       MO      PP/PO    P9/PP      (P9-PP)/(PT-P9)             MVJ/MV9        K9
    1.596         653.3  1520.7  .2970+07     378.1    1.0319    1.575    .87940   1.1371            .03894                 .00972    .04836
                    P16     PXL       TP     IP/TT        PP      MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
                  330.3   331.1       .0     .0000     332.5 .26376-04    .21465   4.6586           1.02867                1.03894    .00790

CORR CONF  POS            AREA       PT          P        TT        T       PP/P     P/PP      (P-PP)/(PT-P)             MVJ/MVINF      KINF
709    10 5.85            .4484     1550.     360.5     570.4    377.8    .95741   1.0445            .01318                 .00656    .05340
       M              Q       V       KD         P9      P9/P       MO      PP/PO    P9/PP      (P9-PP)/(PT-P9)             MVJ/MV9        K9
    1.597         654.0  1521.5  .2972+07     377.9    1.0317    1.576    .92802   1.0776            .02321                 .00647    .04049
                    P16     PXL       TP     IP/TT        PP      MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
                  350.7   349.4       .0     .0000     350.7 .17551-04    .22626   4.4197           1.01318                1.02321    .00525

CORR CONF  POS            AREA       PT          P        TT        T       PP/P     P/PP      (P-PP)/(PT-P)             MVJ/MVINF      KINF
711    10 5.85            .4484     1557.     562.3     567.2    424.0    .53886   1.8559            .26068                 .06045    .15697
       M              Q       V       KD         P9      P9/P       MO      PP/PO    P9/PP      (P9-PP)/(PT-P9)             MVJ/MV9        K9
    1.299         664.2  1311.0  .3183+07     536.8    .0547     1.333    .56446   1.7716            .22917                 .06127    .16486
                    P16     PXL       TP     IP/TT        PP      MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
                  299.9   300.5    559.7     .9868     303.0 .19071-03    .19461   5.1386           1.26068                1.22917    .05667
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CORR CONF  POS          AREA      PT         P       TT       T     PP/P     P/PP      (P-PP)/(PT-P)              MVJ/MVINF      KINF
712    10 5.85           .4484    1558.     563.6    566.9   424.0   .59040   1.6935            .23210                 .05154     .13482
        M           Q        V        RI        P9     P9/P      MO     PP/P9    P9/PP    (P9-PP)/(PT-P9)              MVJ/MV9        K9
     1.298       664.7  1310.0  .3188+07     530.1    .9512   1.335   .62078   1.6100            .19894                 .05231     .14325
                   P16     PXL      TP    IP/TT       PP      MDOT     PP/PT    PT/PP     (PT-PP)/(PT-P)      (PT-PP)/(PT-P9)       KDIT
                 325.8   327.6   559.4    .9868    332.8 .16285-03   .21361   4.6815           1.23210              1.19894     .04835
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CORR CONF  POS          AREA      PT         P       TT       T     PP/P     P/PP      (P-PP)/(PT-P)              MVJ/MVINF      KINF
714    10 5.85           .4484    1558.     560.4    566.7   423.2   .70128   1.4260            .16780                 .03609     .10091
        M           Q        V        RI        P9     P9/P      MO     PP/P9    P9/PP    (P9-PP)/(PT-P9)              MVJ/MV9        K9
     1.302       665.0  1312.8  .3187+07     536.0    .9565   1.335   .73321   1.3630            .13092                 .03656     .10894
                   P16     PXL      TP    IP/TT       PP      MDOT     PP/PT    PT/PP     (PT-PP)/(PT-P)      (PT-PP)/(PT-P9)       KDIT
                 389.1   389.8   557.9    .9845    393.0 .11385-03   .25225   3.9644           1.16780              1.13992     .03380
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CORR CONF  POS          AREA      PT         P       TT       T     PP/P     P/PP      (P-PP)/(PT-P)              MVJ/MVINF      KINF
715    10 5.85           .4484    1558.     561.0    566.5   423.1   .79750   1.2539            .11394                 .02228     .07048
        M           Q        V        RI        P9     P9/P      MO     PP/P9    P9/PP    (P9-PP)/(PT-P9)              MVJ/MV9        K9
     1.301       664.7  1311.7  .3189+07     537.4    .9579   1.333   .83253   1.2012            .08818                 .02256     .07904
                   P16     PXL      TP    IP/TT       PP      MDOT     PP/PT    PT/PP     (PT-PP)/(PT-P)      (PT-PP)/(PT-P9)       KDIT
                 443.9   442.8   556.0    .9815    447.4 .70329-04   .28716   3.4823           1.11394              1.08818     .02087
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CORR CONF  POS          AREA      PT         P       TT       T     PP/P     P/PP      (P-PP)/(PT-P)              MVJ/MVINF      KINF
716    10 5.85           .4484    1558.     561.7    566.4   423.2   .90012   1.1110            .05631                 .00660     .02785
        M           Q        V        RI        P9     P9/P      MO     PP/P9    P9/PP    (P9-PP)/(PT-P9)              MVJ/MV9        K9
     1.301       665.5  1311.8  .3192+07     537.3    .9566   1.333   .94100   1.0627            .03106                 .00670     .03698
                   P16     PXL      TP    IP/TT       PP      MDOT     PP/PT    PT/PP     (PT-PP)/(PT-P)      (PT-PP)/(PT-P9)       KDIT
                 502.4   499.0   553.5    .9772    505.6 .20868-04   .32452   3.0815           1.05631              1.03106     .00619
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CORR CONF  POS          AREA      PT         P       TT       T     PP/P     P/PP      (P-PP)/(PT-P)              MVJ/MVINF      KINF
717    10 5.85           .4484    1558.     561.0    565.9   422.7   .95027   1.0523            .02798                 .00041     .00238
        M           Q        V        RI        P9     P9/P      MO     PP/P9    P9/PP    (P9-PP)/(PT-P9)              MVJ/MV9        K9
     1.301       664.7  1311.0  .3193+07     537.6    .9583   1.333   .99163   1.0084            .00441                 .00041     .00591
                   P16     PXL      TP    IP/TT       PP      MDOT     PP/PT    PT/PP     (PT-PP)/(PT-P)      (PT-PP)/(PT-P9)       KDIT
                 528.7   526.2   552.7    .9767    533.1 .12928-05   .34217   2.9225           1.02798              1.00441     .00038
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CORR CONF  POS          AREA      PT         P       TT       T     PP/P     P/PP      (P-PP)/(PT-P)              MVJ/MVINF      KINF
718    10 5.85           .4484    1558.     729.4    564.9   454.8   .59611   1.6776            .35554                 .09117     .19513
        M           Q        V        RI        P9     P9/P      MO     PP/P9    P9/PP    (P9-PP)/(PT-P9)              MVJ/MV9        K9
     1.100       617.8  1149.8  .3189+07     662.6    .9084   1.176   .65620   1.5239            .25441                 .09258     .22076
                   P16     PXL      TP    IP/TT       PP      MDOT     PP/PT    PT/PP     (PT-PP)/(PT-P)      (PT-PP)/(PT-P9)       KDIT
                 422.7   426.4   559.3    .9901    434.8 .30508-03   .27908   3.5833           1.35554              1.25441     .09042
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CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
719	10	5.85		.4484	1559.	728.1	564.4	454.1	.64367	1.5531	.31207	.08297	.18159
	M		Q	V	RH	P9	P9/P	MQ	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	1.102		618.9	1151.0	.3196+07	663.0	.9106	1.176	.70709	1.4142	.21674	.08422	.20883
			P16	PXL	TP	IP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			465.2	465.9	558.9	.9903	468.8	.27785-03	.30071	3.3255	1.31207	1.21674	.08226

CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
720	10	5.85		.4484	1559.	732.2	564.5	454.9	.74187	1.3479	.22859	.06671	.15794
	M		Q	V	RH	P9	P9/P	MQ	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	1.098		617.9	1147.8	.3195+07	662.8	.9052	1.176	.81955	1.2202	.13345	.06780	.19765
			P16	PXL	TP	IP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			537.7	539.7	557.7	.9880	543.2	.22364-03	.34843	2.8700	1.22859	1.13345	.06622

CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
721	10	5.85		.4484	1559.	726.7	564.3	453.8	.85303	1.1723	.12832	.03457	.10118
	M		Q	V	RH	P9	P9/P	MQ	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	1.104		620.0	1152.7	.3198+07	663.0	.9123	1.176	.93499	1.0695	.04810	.03510	.15869
			P16	PXL	TP	IP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			616.0	615.4	556.9	.9869	619.9	.11579-03	.39763	2.5149	1.12832	1.04810	.03428

CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
722	10	5.85		.4484	1559.	728.1	564.0	453.7	.90386	1.1064	.08425	.02388	.08358
	M		Q	V	RH	P9	P9/P	MQ	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	1.102		618.9	1150.5	.3199+07	663.1	.9107	1.176	.99246	1.0076	.00558	.02424	.31164
			P16	PXL	TP	IP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			653.4	651.1	556.0	.9858	658.1	.79999-04	.42213	2.3689	1.08425	1.00558	.02368

CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
724	10	5.85		.4484	1544.	912.0	562.4	483.8	.66129	1.5122	.48877	.14839	.25948
	M		Q	V	RH	P9	P9/P	MQ	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	.901		518.3	971.4	.3014+07	898.7	.9854	.914	.67108	1.4901	.45808	.14808	.26505
			P16	PXL	TP	IP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			594.9	603.9	558.6	.9932	603.1	.49307-03	.39061	2.5601	1.48877	1.45808	.14714

CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
725	10	5.85		.4484	1544.	912.7	562.1	483.7	.78218	1.2785	.31491	.11181	.22208
	M		Q	V	RH	P9	P9/P	MQ	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	.900		517.5	970.2	.3014+07	899.2	.9852	.914	.79393	1.2596	.28738	.11153	.22988
			P16	PXL	TP	IP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			708.7	713.1	557.9	.9925	713.9	.37143-03	.46237	2.1628	1.31491	1.28736	.11081

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CORR CONF  POS        AREA      PT       P      TT      T     PP/P    P/PP    (P-PP)/(PT-P)        MVJ/MVINF    KINF
 720   10 5.85        .4484    1544.   913.3   561.9  487.6  .88635  1.1282          .16458           .04408  .11324
         M        Q      V       RH      P9    P9/P     MO    PP/PO   P9/PP  (P9-PP)/(PT-P9)        MVJ/MV9      K9
      .900    517.8  970.1 .3017+07   899.3   .9847   .914  .90014  1.1100          .13929           .04400  .12168
                P16    PXL     IP     IP/TT     PP    MDOT   PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
              804.7  608.6  556.7     .9907  809.5 .14654-03  .52429  1.9074        1.16458          1.13929  .04371
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CORR CONF  POS        AREA      PT       P      TT      T     PP/P    P/PP    (P-PP)/(PT-P)        MVJ/MVINF    KINF
 727   10 5.85        .4484    1545.   912.1   561.7  483.2  .93444  1.0702          .09449           .01400  .04615
         M        Q      V       RH      P9    P9/P     MO    PP/PO   P9/PP  (P9-PP)/(PT-P9)        MVJ/MV9      K9
      .902    514.5  971.8 .3023+07   898.8   .9854   .915  .94826  1.0546          .07196           .01398  .05231
                P16    PXL     IP     IP/TT     PP    MDOT   PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
              852.9  851.6  555.4     .9888  852.3 .46616-04  .55165  1.8127        1.09449          1.07196  .01391
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CORR CONF  POS        AREA      PT       P      TT      T     PP/P    P/PP    (P-PP)/(PT-P)        MVJ/MVINF    KINF
 730   10 5.85        .4484    1558.  1124.0   556.9  507.3  .89680  1.1151          .26728           .11590  .23440
         M        Q      V       RH      P9    P9/P     MO    PP/PO   P9/PP  (P9-PP)/(PT-P9)        MVJ/MV9      K9
      .699    384.4  771.7 .2712+07  1107.0   .9849   .716  .91057  1.0982          .21951           .11461  .25357
                P16    PXL     TP     IP/TT     PP    MDOT   PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
             1014.0 1004.0  554.3     .9953 1008.0 .35958-03  .64698  1.5456        1.26728          1.21951  .10928
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CORR CONF  POS        AREA      PT       P      TT      T     PP/P    P/PP    (P-PP)/(PT-P)        MVJ/MVINF    KINF
 731   10 5.85        .4484    1556.  1126.0   556.5  507.2  .94849  1.0543          .13426           .04038  .11179
         M        Q      V       RH      P9    P9/P     MO    PP/PO   P9/PP  (P9-PP)/(PT-P9)        MVJ/MV9      K9
      .697    382.9  769.4 .2709+07  1110.0   .9858   .713  .96216  1.0393          .09375           .03995  .13130
                P16    PXL     TP     IP/TT     PP    MDOT   PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
             1070.0 1063.0  553.8     .9951 1068.0 .12514-03  .68549  1.4588        1.13426          1.09375  .03902
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CORR CONF  POS        AREA      PT       P      TT      T     PP/P    P/PP    (P-PP)/(PT-P)        MVJ/MVINF    KINF
 220    3  .00        .4463    1533.   231.9   567.5  330.8  .69211  1.4440          .05488           .04743  .21630
         M        Q      V       RH      P9    P9/P     MO    PP/PO   P9/PP  (P9-PP)/(PT-P9)        MVJ/MV9      K9
     1.891    580.5 1685.8 .2669+07   224.5   .9681  1.912  .71492  1.3988          .04891           .04823  .22810
                P16    PXL     TP     IP/TT     PP    MDOT   PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
              162.2     .0  546.0     .9621  160.5 .10124-03  .10470  9.5514        1.05488          1.04891  .03071
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CORR CONF  POS        AREA      PT       P      TT      T     PP/P    P/PP    (P-PP)/(PT-P)        MVJ/MVINF    KINF
 221    3  .00        .4463    1533.   231.9   567.8  331.0  .77490  1.2905          .04012           .03203  .16058
         M        Q      V       RH      P9    P9/P     MO    PP/PO   P9/PP  (P9-PP)/(PT-P9)        MVJ/MV9      K9
     1.891    580.5 1686.3 .2667+07   224.6   .9685  1.912  .80009  1.2490          .03432           .03256  .17290
                P16    PXL     IP     IP/TT     PP    MDOT   PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
              177.3     .0  546.0     .9616  179.7 .68350-04  .11722  8.5309        1.04012          1.03432  .02074
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CORR CONF   POS          AREA       PT         P        TT       T        PP/P      P/PP      (P-PP)/(PT-P)           MVJ/MVINF      KINF
222    3    .00         .4463     1534.     231.3     568.5   331.1     .88802    1.1261           .01988               .00919     .06076
       M            Q       V        RU        P9      P9/P      MO       PP/P9     P9/PP     (P9-PP)/(PT-P9)          MVJ/MV9         K9
   1.893        580.2  1686.3  .2662+07    223.2     .9650   1.916     .92025    1.0867           .01358               .00936     .07319
                  P16     PXL       TP     IP/TT       PP     MDOT      PP/PT     PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
                206.2      .0    543.8     .9566    205.4 .19578-04    .13390    7.4684          1.01988             1.01358     .00594

CORR CONF   POS          AREA       PT         P        TT       T        PP/P      P/PP      (P-PP)/(PT-P)           MVJ/MVINF      KINF
223    3    .00         .4463     1533.     231.3     568.8   331.3     .93947    1.0644           .01076               .00498     .04341
       M            Q       V        RU        P9      P9/P      MO       PP/P9     P9/PP     (P9-PP)/(PT-P9)          MVJ/MV9         K9
   1.893        580.2  1686.8  .2660+07    223.2     .9650   1.916     .97357    1.0272           .00450               .00507     .06678
                  P16     PXL       TP     IP/TT       PP     MDOT      PP/PT     PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
                217.9      .0    542.9     .9545    217.3 .10598-04    .14175    7.0548          1.01076             1.00450     .00322

CORR CONF   POS          AREA       PT         P        TT       T        PP/P      P/PP      (P-PP)/(PT-P)           MVJ/MVINF      KINF
224    3    .00         .4463     1552.     424.3     566.4   391.0     .69291    1.4432           .11554               .07427     .24671
       M            Q       V        RU        P9      P9/P      MO       PP/P9     P9/PP     (P9-PP)/(PT-P9)          MVJ/MV9         K9
   1.498        666.5  1451.9  .3084+07    424.6    1.0007   1.497     .69242    1.4442           .11584               .07428     .24644
                  P16     PXL       TP     IP/TT       PP     MDOT      PP/PT     PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
                294.4      .0    548.7     .9687    294.0 .21134-03    .18943    5.2789          1.11554             1.11584     .06326

CORR CONF   POS          AREA       PT         P        TT       T        PP/P      P/PP      (P-PP)/(PT-P)           MVJ/MVINF      KINF
225    3    .00         .4463     1552.     424.3     566.3   390.9     .80061    1.2490           .07502               .05061     .19281
       M            Q       V        RU        P9      P9/P      MO       PP/P9     P9/PP     (P9-PP)/(PT-P9)          MVJ/MV9         K9
   1.498        666.5  1451.7  .3085+07    425.4    1.0026   1.496     .79854    1.2523           .07607               .05058     .19159
                  P16     PXL       TP     IP/TT       PP     MDOT      PP/PT     PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
                339.0      .0    548.5     .9686    339.7 .14404-03    .21888    4.5687          1.07502             1.07607     .04311

CORR CONF   POS          AREA       PT         P        TT       T        PP/P      P/PP      (P-PP)/(PT-P)           MVJ/MVINF      KINF
226    3    .00         .4463     1553.     423.6     566.5   390.8     .90911    1.1000           .03409               .02307     .12160
       M            Q       V        RU        P9      P9/P      MO       PP/P9     P9/PP     (P9-PP)/(PT-P9)          MVJ/MV9         K9
   1.499        666.3  1452.5  .3083+07    424.3    1.0017   1.498     .90761    1.1019           .03473               .02305     .12052
                  P16     PXL       TP     IP/TT       PP     MDOT      PP/PT     PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
                383.4      .0    546.3     .9643    385.1 .65587-04    .24797    4.0327          1.03409             1.03473     .01962

CORR CONF   POS          AREA       PT         P        TT       T        PP/P      P/PP      (P-PP)/(PT-P)           MVJ/MVINF      KINF
227    3    .00         .4463     1553.     424.3     566.7   391.1     .94886    1.0539           .01923               .01020     .06996
       M            Q       V        RU        P9      P9/P      MO       PP/P9     P9/PP     (P9-PP)/(PT-P9)          MVJ/MV9         K9
   1.498        666.5  1452.0  .3083+07    426.1    1.0042   1.495     .94485    1.0584           .02085               .01018     .06724
                  P16     PXL       TP     IP/TT       PP     MDOT      PP/PT     PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
                402.0      .0    545.2     .9621    402.6 .29009-04    .25924    3.8574          1.01923             1.02085     .00868
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CORR CONF   POS          AREA       PT         P        TT       T       PP/P     P/PP     (P-PP)/(PT-P)              MVJ/MVINF     KINF
228     3   .00         .4463     1559.     720.8    562.7   452.9     .77223   1.2950           .19995                 .13883    .34348
        M          Q        V       RH        P9      P9/P      M9     PP/P9    P9/PP   (P9-PP)/(PT-P9)             MVJ/MV9        K9
    1.101      618.4  1148.4  .3207+07    736.4   1.0104   1.093     .76426   1.3085           .21104                 .13858    .33604
                 P16      PXL       TP    TP/TT       PP     MDOT     PP/PT    PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
               551.8       .0    552.2    .9813    562.8 .46339-03   .36100   2.7701          1.19995           1.21104    .13763
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CORR CONF   POS          AREA       PT         P        TT       T       PP/P     P/PP     (P-PP)/(PT-P)              MVJ/MVINF     KINF
229     3   .00         .4463     1558.     720.8    562.2   452.5     .90642   1.1032           .08225                 .08717    .30844
        M          Q        V       RH        P9      P9/P      M9     PP/P9    P9/PP   (P9-PP)/(PT-P9)             MVJ/MV9        K9
    1.101      616.4  1147.9  .3211+07    736.8   1.0137   1.090     .89415   1.1184           .09546                 .08702    .28820
                 P16      PXL       TP    TP/TT       PP     MDOT     PP/PT    PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
               642.0       .0    551.3    .9806    660.6 .29107-03   .42401   2.3585          1.08225           1.09546    .08647
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CORR CONF   POS          AREA       PT         P        TT       T       PP/P     P/PP     (P-PP)/(PT-P)              MVJ/MVINF     KINF
230     3   .00         .4463     1558.     726.0    562.0   451.9     .93926   1.0647           .05300                 .04062    .17558
        M          Q        V       RH        P9      P9/P      M9     PP/P9    P9/PP   (P9-PP)/(PT-P9)             MVJ/MV9        K9
    1.104      619.4  1150.3  .3213+07    735.9   1.0136   1.093     .92662   1.0792           .06569                 .04055    .15875
                 P16      PXL       TP    TP/TT       PP     MDOT     PP/PT    PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
               680.6       .0    550.9    .9802    681.9 .13558-03   .43768   2.2848          1.05300           1.06569    .04027
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CORR CONF   POS          AREA       PT         P        TT       T       PP/P     P/PP     (P-PP)/(PT-P)              MVJ/MVINF     KINF
233     3   .00         .4463     1560.    1124.0    555.5   505.9     .95107   1.0514           .12615                 .10697    .30530
        M          Q        V       RH        P9      P9/P      M9     PP/P9    P9/PP   (P9-PP)/(PT-P9)             MVJ/MV9        K9
     .701      386.6   772.8  .2729+07   1124.0   1.0000    .701     .95107   1.0514           .12615                 .10702    .30530
                 P16      PXL       TP    TP/TT       PP     MDOT     PP/PT    PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
              1070.0       .0    550.8    .9915   1069.0 .33172-03   .68526   1.4593          1.12615           1.12615    .10366
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CORR CONF   POS          AREA       PT         P        TT       T       PP/P     P/PP     (P-PP)/(PT-P)              MVJ/MVINF     KINF
989     3  1.75         .4463     1536.     235.8    563.4   320.1     .77160   1.2960           .04101                 .04637    .23060
        M          Q        V       RH        P9      P9/P      M9     PP/P9    P9/PP   (P9-PP)/(PT-P9)             MVJ/MV9        K9
    1.867      582.8  1677.9  .2705+07    240.0   1.0265   1.870     .75167   1.3304           .04599                 .04574    .21854
                 P16      PXL       TP    TP/TT       PP     MDOT     PP/PT    PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
               178.4       .0    552.0    .9798    180.4 .99834-04   .11745   8.5144          1.04101           1.04599    .03011
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CORR CONF   POS          AREA       PT         P        TT       T       PP/P     P/PP     (P-PP)/(PT-P)              MVJ/MVINF     KINF
990     3  1.75         .4463     1536.     233.2    563.7   329.0     .83533   1.1971           .02947                 .03407    .19241
        M          Q        V       RH        P9      P9/P      M9     PP/P9    P9/PP   (P9-PP)/(PT-P9)             MVJ/MV9        K9
    1.899      588.7  1688.3  .2716+07    239.6   1.0274   1.871     .81302   1.2300           .03456                 .03378    .17834
                 P16      PXL       TP    TP/TT       PP     MDOT     PP/PT    PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
               192.2       .0    551.5    .9784    194.8 .73641-04   .12682   7.8850          1.02947           1.03456    .02222
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CORR CONF  POS          AREA      PT        P      TT      T       PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF     KINF
 991     3 1.75         .4463    1536.     233.2   563.9   329.1   .03096  1.0742          .01236            .01558    .12750
         M          Q      V       RU        P9     P9/P     MO     PP/PO   P9/PP    (P9-PP)/(PT-P9)         MVJ/MV9       K9
   1.869        582.5 1679.6  .2701+07     239.6   1.0274  1.871   .90609  1.1036          .01736            .01537    .10796
                  P16    PXL      TP    TP/TT      PP      MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
                213.5     .0    549.6   .9746   217.1 .33497-04   .14134  7.0751          1.01236           1.01736    .01011

CORR CONF  POS          AREA      PT        P      TT      T       PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF     KINF
 992     3 1.75         .4463    1535.     232.6   564.8   329.4   .07248  1.0283          .00491            .00439    .05569
         M          Q      V       RU        P9     P9/P     MO     PP/PO   P9/PP    (P9-PP)/(PT-P9)         MVJ/MV9       K9
   1.890        581.6 1681.3  .2692+07     239.4   1.0292  1.871   .94486  1.0584          .01019            .00433    .03882
                  P16    PXL      TP    TP/TT      PP      MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
                223.4     .0    549.3   .9726   226.2 .94235-05   .14736  6.7860          1.00491           1.01019    .00285

CORR CONF  POS          AREA      PT        P      TT      T       PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF     KINF
 994     3 1.75         .4463    1554.     425.0   563.9   389.3   .68424  1.4615          .11887            .07619    .25116
         M          Q      V       RU        P9     P9/P     MO     PP/P9   P9/PP    (P9-PP)/(PT-P9)         MVJ/MV9       K9
   1.497        666.7 1447.7  .3105+07     432.4   1.0174  1.485   .67253  1.4869          .12625            .07567    .24472
                  P16    PXL      TP    TP/TT      PP      MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
                288.6     .0    554.8   .9839   290.8 .21750-03   .18713  5.3439          1.11887           1.12625    .06488

CORR CONF  POS          AREA      PT        P      TT      T       PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF     KINF
 995     3 1.75         .4463    1555.     425.0   564.1   389.4   .73020  1.3526          .09805            .03601    .12528
         M          Q      V       RU        P9     P9/P     MO     PP/PO   P9/PP    (P9-PP)/(PT-P9)         MVJ/MV9       K9
   1.498        667.6 1448.9  .3106+07     432.7   1.0181  1.485   .72614  1.3771          .10559            .03576    .12124
                  P16    PXL      TP    TP/TT      PP      MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
                313.9     .0    555.3   .9844   314.2 .10284-03   .20206  4.9491          1.09805           1.10559    .03066

CORR CONF  POS          AREA      PT        P      TT      T       PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF     KINF
 996     3 1.75         .4463    1554.     425.0   564.2   389.6   .81271  1.2305          .07050            .04313    .16800
         M          Q      V       RU        P9     P9/P     MO     PP/PO   P9/PP    (P9-PP)/(PT-P9)         MVJ/MV9       K9
   1.497        666.7 1448.3  .3102+07     432.7   1.0181  1.485   .79824  1.2528          .07786            .04282    .16055
                  P16    PXL      TP    TP/TT      PP      MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
                342.5     .0    554.8   .9833   345.4 .12307-03   .22227  4.4991          1.07050           1.07786    .03672

CORR CONF  POS          AREA      PT        P      TT      T       PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF     KINF
 997     3 1.75         .4463    1555.     425.0   564.3   389.6   .91365  1.0945          .03248            .01752    .09442
         M          Q      V       RU        P9     P9/P     MO     PP/PO   P9/PP    (P9-PP)/(PT-P9)         MVJ/MV9       K9
   1.498        667.6 1449.3  .3104+07     432.7   1.0181  1.485   .89739  1.1143          .03956            .01740    .08590
                  P16    PXL      TP    TP/TT      PP      MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
                384.5     .0    551.8   .9778   388.3 .50036-04   .24971  4.0046          1.03248           1.03956    .01492
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CORR CONF  POS          AREA      PT        P      TT      T      PP/P    P/PP     (P-PP)/(PT-P)            MVJ/MVINF     KINF
998     3 1.75          .4463    1555.    425.0   564.0  380.7   .95953  1.0422          .01522                  .00682   .05225
        M          Q       V       RH       P9    P9/P      MO    PP/P9   P9/PP    (P9-PP)/(PT-P9)           MVJ/MV9       K9
    1.498      667.6 1449.4 .3103+07    432.9  1.0186   1.485   .04202  1.0615          .02237                  .00677   .04329
                 P16     PXL      TP    IP/TT      PP     MDOT   PP/PT   PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)    KDIT
               401.4      .0   550.7    .9754   407.8 .19458-04  .26225  3.8131        1.01522                1.02237   .00580

CORR CONF  POS          AREA      PT        P      TT      T      PP/P    P/PP     (P-PP)/(PT-P)            MVJ/MVINF     KINF
1000    3 1.75          .4463    1559.    730.8   561.3  452.1   .73440  1.3617          .23436                  .16460   .38678
        M          Q       V       RH       P9    P9/P      MO    PP/P9   P9/PP    (P9-PP)/(PT-P9)           MVJ/MV9       K9
    1.099      617.9 1145.3 .3217+07    724.2   .9910   1.107   .74100  1.3494          .22460                  .16474   .39336
                 P16     PXL      TP    IP/TT      PP     MDOT   PP/PT   PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)    KDIT
               528.8      .0   556.7    .9918   536.7 .55041-03  .34426  2.9048        1.23436                1.22460   .16327

CORR CONF  POS          AREA      PT        P      TT      T      PP/P    P/PP     (P-PP)/(PT-P)            MVJ/MVINF     KINF
1001    3 1.75          .4463    1559.    728.8   561.0  451.5   .77827  1.2849          .19465                  .14640   .36557
        M          Q       V       RH       P9    P9/P      MO    PP/P9   P9/PP    (P9-PP)/(PT-P9)           MVJ/MV9       K9
    1.101      618.4 1146.7 .3220+07    724.0   .9934   1.107   .78343  1.2764          .18778                  .14645   .37101
                 P16     PXL      TP    IP/TT      PP     MDOT   PP/PT   PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)    KDIT
               568.3      .0   556.7    .9923   567.2 .48943-03  .36382  2.7486        1.19465                1.18778   .14514

CORR CONF  POS          AREA      PT        P      TT      T      PP/P    P/PP     (P-PP)/(PT-P)            MVJ/MVINF     KINF
1002    3 1.75          .4463    1559.    727.4   560.7  451.0   .88727  1.1271          .09861                  .08904   .29101
        M          Q       V       RH       P9    P9/P      MO    PP/P9   P9/PP    (P9-PP)/(PT-P9)           MVJ/MV9       K9
    1.103      619.5 1148.1 .3224+07    724.0   .9953   1.107   .89144  1.1219          .09413                  .08908   .29718
                 P16     PXL      TP    IP/TT      PP     MDOT   PP/PT   PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)    KDIT
               633.1      .0   556.0    .9916   645.4 .29779-03  .41398  2.4156        1.09861                1.09413   .08829

CORR CONF  POS          AREA      PT        P      TT      T      PP/P    P/PP     (P-PP)/(PT-P)            MVJ/MVINF     KINF
1004    3 1.75          .4463    1559.    726.1   560.3  450.4   .93086  1.0743          .06027                  .06069   .24710
        M          Q       V       RH       P9    P9/P      MO    PP/P9   P9/PP    (P9-PP)/(PT-P9)           MVJ/MV9       K9
    1.104      619.5 1148.4 .3227+07    723.3   .9961   1.108   .93447  1.0701          .05672                  .06069   .25425
                 P16     PXL      TP    IP/TT      PP     MDOT   PP/PT   PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)    KDIT
               664.9      .0   555.1    .9907   675.9 .20292-03  .43355  2.3066        1.06027                1.05672   .06014

CORR CONF  POS          AREA      PT        P      TT      T      PP/P    P/PP     (P-PP)/(PT-P)            MVJ/MVINF     KINF
1005    3 1.75          .4463    1559.    725.4   560.1  450.1   .96774  1.0333          .02807                  .03969   .23192
        M          Q       V       RH       P9    P9/P      MO    PP/P9   P9/PP    (P9-PP)/(PT-P9)           MVJ/MV9       K9
    1.105      620.0 1149.1 .3230+07    719.9   .9924   1.111   .97510  1.0255          .02133                  .03972   .26509
                 P16     PXL      TP    IP/TT      PP     MDOT   PP/PT   PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)    KDIT
               697.4      .0   554.0    .9891   702.0 .13274-03  .45029  2.2208        1.02807                1.02133   .03933
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CORR CONF  POS          AREA       PT        P       TT       T       PP/P    P/PP    (P-PP)/(PT-P)         MVJ/MVINF      KINF
1007    3 1.75          .4463     1560.    1129.0   554.7   505.8   .79637  1.2557          .53341            .33531    .51242
         M          Q       V       RH       P9      P9/P      MO     PP/P9   P9/PP   (P9-PP)/(PT-P9)        MVJ/MVJ9        K9
      .696      382.8   767.2 .2722+07   1121.0    .9929    .704   .80205  1.2468          .50547            .33368    .52141
                  P16     PXL       IP    IP/TT       PP     MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
                897.0      .0    553.4    .9977    899.1 .10371-02  .57635  1.7351         1.53341           1.50547    .30720

CORR CONF  POS          AREA       PT        P       TT       T       PP/P    P/PP    (P-PP)/(PT-P)         MVJ/MVINF      KINF
1008    3 1.75          .4463     1560.    1126.0   554.3   505.0   .85879  1.1644          .36636            .25889    .45819
         M          Q       V       RH       P9      P9/P      MO     PP/P9   P9/PP   (P9-PP)/(PT-P9)        MVJ/MV9         K9
      .699      385.1   769.9 .2732+07   1118.0    .9929    .707   .86494  1.1562          .34163            .25767    .47003
                  P16     PXL       IP    IP/TT       PP     MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
                963.3      .0    553.0    .9977    967.0 .80270-03  .61987  1.6132         1.36636           1.34163    .24098

CORR CONF  POS          AREA       PT        P       TT       T       PP/P    P/PP    (P-PP)/(PT-P)         MVJ/MVINF      KINF
1009    3 1.75          .4463     1560.    1125.0   554.0   504.7   .92000  1.0870          .20690            .16397    .37149
         M          Q       V       RH       P9      P9/P      MO     PP/P9   P9/PP   (P9-PP)/(PT-P9)        MVJ/MV9         K9
      .699      384.8   769.7 .2732+07   1117.0    .9929    .708   .92659  1.0792          .18510            .16295    .38908
                  P16     PXL       IP    IP/TT       PP     MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
               1035.0      .0    552.5    .9973   1035.0 .50810-03  .66346  1.5072         1.20690           1.18510    .15610

CORR CONF  POS          AREA       PT        P       TT       T       PP/P    P/PP    (P-PP)/(PT-P)         MVJ/MVINF      KINF
1010    3 1.75          .4463     1560.    1124.0   553.7   504.3   .96352  1.0379          .09404            .07573    .24823
         M          Q       V       RH       P9      P9/P      MO     PP/P9   P9/PP   (P9-PP)/(PT-P9)        MVJ/MV9         K9
      .700      385.5   770.5 .2736+07   1116.0    .9929    .700   .97043  1.0305          .07432            .07526    .27661
                  P16     PXL       IP    IP/TT       PP     MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
               1081.0      .0    552.0    .9969   1083.0 .23488-03  .69423  1.4404         1.09404           1.07432    .07382

CORR CONF  POS          AREA       PT        P       TT       T       PP/P    P/PP    (P-PP)/(PT-P)         MVJ/MVINF      KINF
634     3 5.85          .4463     1534.     232.6   566.2   330.3   .70679  1.4149          .05241            .04095    .18899
         M          Q       V       RH       P9      P9/P      MO     PP/P9   P9/PP   (P9-PP)/(PT-P9)        MVJ/MV9         K9
     1.690      581.6  1683.6 .2082+07    253.8   1.0911   1.833   .64775  1.5439          .06983            .03918    .16580
                  P16     PXL       TP    IP/TT       PP     MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
                165.8      .0    553.4    .9774    164.4 .87688-04  .10717  9.3309         1.05241           1.06983    .02655

CORR CONF  POS          AREA       PT        P       TT       T       PP/P    P/PP    (P-PP)/(PT-P)         MVJ/MVINF      KINF
635     3 5.85          .4463     1534.     231.9   566.3   330.1   .81846  1.2218          .03233            .02173    .11778
         M          Q       V       RH       P9      P9/P      MO     PP/P9   P9/PP   (P9-PP)/(PT-P9)        MVJ/MV9         K9
     1.692      581.1  1684.9 .2079+07    253.3   1.0923   1.834   .74931  1.3346          .04958            .02077    .09629
                  P16     PXL       TP    IP/TT       PP     MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
                191.8      .0    552.5    .9756    169.8 .46445-04  .12373  8.0822         1.03233           1.04958    .01406
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CORR CONF  POS
630     3 5.85          AREA       PT        P       TT       T       PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF      KINF
     M                 .4463    1534.    231.3    566.5   330.0    .92088  1.0859           .01405             .01004     .07741
  1.693            Q       V       RU       P9     P9/P      MO    PP/P9   P9/PP    (P9-PP)/(PT-P9)          MVJ/MV9         K9
               586.2  1685.5 .2674+07   252.9   1.0934   1.835    .84223  1.1873           .03115             .00959     .05262
                 P16     PXL       TP    IP/TT      PP     MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
               210.5      .0    552.2    .9748    213.0 .21420-04  .13885  7.2019          1.01405            1.03115     .00649

CORR CONF  POS
637     3 5.85          AREA       PT        P       TT       T       PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF      KINF
     M                 .4463    1534.    231.3    566.5   320.0    .96974  1.0312           .00537             .00600     .07271
  1.693            Q       V       RU       P9     P9/P      MO    PP/P9   P9/PP    (P9-PP)/(PT-P9)          MVJ/MV9         K9
               586.2  1685.3 .2675+07   252.8   1.0930   1.836    .88726  1.1271           .02224             .00573     .03616
                 P16     PXL       TP    IP/TT      PP     MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
               222.6      .0    550.5    .9718    224.3 .12794-04  .14622  6.8391          1.00537            1.02224     .00387

CORR CONF  POS
639     3 5.85          AREA       PT        P       TT       T       PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF      KINF
     M                 .4463    1553.    424.3    566.4   390.0    .69762  1.4334           .11367             .05344     .17826
  1.498            Q       V       RU       P9     P9/P      MO    PP/P9   P9/PP    (P9-PP)/(PT-P9)          MVJ/MV9         K9
               666.5  1451.7 .3085+07   433.7   1.0222   1.483    .68250  1.4652           .12302             .05299     .17225
                 P16     PXL       TP    IP/TT      PP     MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
               295.9      .0    555.6    .9809    296.0 .15209-03  .19060  5.2466          1.11367            1.12302     .04550

CORR CONF  POS
640     3 5.85          AREA       PT        P       TT       T       PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF      KINF
     M                 .4463    1553.    424.3    566.3   390.8    .79071  1.2647           .07867             .03637     .13615
  1.498            Q       V       RU       P9     P9/P      MO    PP/P9   P9/PP    (P9-PP)/(PT-P9)          MVJ/MV9         K9
               666.5  1451.5 .3086+07   433.8   1.0224   1.483    .77340  1.2930           .08783             .03606     .12953
                 P16     PXL       TP    IP/TT      PP     MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
               335.0      .0    555.7    .9813    335.5 .10351-03  .21603  4.6289          1.07867            1.08783     .03096

CORR CONF  POS
641     3 5.85          AREA       PT        P       TT       T       PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF      KINF
     M                 .4463    1553.    424.3    566.5   391.0    .89654  1.1154           .03889             .01711     .08511
  1.498            Q       V       RU       P9     P9/P      MO    PP/P9   P9/PP    (P9-PP)/(PT-P9)          MVJ/MV9         K9
               666.5  1451.9 .3084+07   431.1   1.0160   1.487    .88230  1.1333           .04519             .01701     .07925
                 P16     PXL       TP    IP/TT      PP     MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
               377.3      .0    553.5    .9771    380.4 .48695-04  .24495  4.0825          1.03889            1.04519     .01457

CORR CONF  POS
642     3 5.85          AREA       PT        P       TT       T       PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF      KINF
     M                 .4463    1554.    424.3    566.4   390.0    .95286  1.0495           .01770             .00654     .04664
  1.498            Q       V       RU       P9     P9/P      MO    PP/P9   P9/PP    (P9-PP)/(PT-P9)          MVJ/MV9         K9
               666.5  1451.7 .3085+07   433.7   1.0222   1.483    .93221  1.0727           .02624             .00646     .03850
                 P16     PXL       TP    IP/TT      PP     MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
               400.3      .0    552.2    .9749    404.3 .18611-04  .26017  3.8437          1.01770            1.02624     .00556
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CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
644	3	5.85		.4463	1556.	729.4	562.1	452.6	.67425	1.4831	.28675	.11223	.24983
	M		Q	V	RH	P9	P9/P	MO	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	1.100		617.8	1147.0	.3209+07	664.8	.9114	1.174	.73977	1.3518	.19369	.11388	.29145
			P16	PXL	TP	IP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			489.2	.0	556.5	.9900	491.8	.37469-03	.31566	3.1680	1.28675	1.19369	.11130
CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
645	3	5.85		.4463	1558.	730.8	562.4	453.0	.74111	1.3493	.22872	.09520	.22544
	M		Q	V	RH	P9	P9/P	MO	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	1.099		617.9	1146.5	.3209+07	665.6	.9108	1.173	.81370	1.2290	.13895	.09665	.27729
			P16	PXL	TP	IP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			543.4	.0	556.1	.9868	541.6	.31801-03	.34763	2.8767	1.22872	1.13895	.09449
CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
646	3	5.85		.4463	1558.	730.6	562.2	452.9	.84387	1.1850	.13794	.04930	.14007
	M		Q	V	RH	P9	P9/P	MO	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	1.099		617.9	1146.4	.3210+07	665.9	.9112	1.172	.92612	1.0798	.05515	.05005	.21251
			P16	PXL	TP	IP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			611.3	.0	554.5	.9863	616.7	.16472-03	.39583	2.5263	1.13794	1.05515	.04893
CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
647	3	5.85		.4463	1558.	727.4	562.2	452.2	.89909	1.1122	.08837	.02764	.09471
	M		Q	V	RH	P9	P9/P	MO	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	1.102		616.4	1146.6	.3210+07	664.5	.9135	1.174	.98420	1.0161	.01175	.02803	.24954
			P16	PXL	TP	IP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			651.9	.0	553.3	.9842	654.0	.92226-04	.41977	2.3823	1.08837	1.01175	.02740
CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
651	3	5.85		.4463	1560.	1124.0	555.1	505.6	.86441	1.1569	.34954	.48863	.88080
	M		Q	V	RH	P9	P9/P	MO	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	.700		385.5	771.5	.2727+07	1106.0	.9840	.719	.87848	1.1383	.29604	.48260	.93731
			P16	PXL	TP	IP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			967.4	.0	552.8	.9959	971.6	.15136-02	.62282	1.6056	1.34954	1.29604	.45530
CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
652	3	5.85		.4463	1560.	1123.0	554.9	505.2	.89760	1.1141	.26316	.17977	.36647
	M		Q	V	RH	P9	P9/P	MO	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	.702		387.4	773.4	.2735+07	1106.0	.9849	.719	.91139	1.0972	.21586	.17793	.39675
			P16	PXL	TP	IP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			1106.0	.0	552.5	.9957	1008.0	.55817-03	.64615	1.5476	1.26316	1.21586	.16983

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CORR CONF  POS          AREA      PT        P      TT      T       PP/P    P/PP      (P-PP)/(PT-P)          MVJ/MVINF    KINF
 653   3  5.85          .4463    1560.    1124.0   554.7  505.1    .94751  1.0554           .13532              .04568   .12615
        M          Q      V        RU       P9     P9/P     MO     PP/PO   P9/PP     (P9-PP)/(PT-P9)          MVJ/MV9      K9
      .701       386.6  772.2  .2735+07   1107.0   .9849   .718    .96206  1.0394           .09272              .04522   .14944
                  P16    PXL       TP      TP/TT    PP      MDOT   PP/PT   PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
                1051.0    .0     551.1    .9935  1065.0 .14179-03  .68269  1.4640          1.13532             1.09272   .04419

CORR CONF  POS          AREA      PT        P      TT      T       PP/P    P/PP      (P-PP)/(PT-P)          MVJ/MVINF    KINF
  53   2   .00          .4450    1535.     232.0   562.2  327.7    .76336  1.3100           .04213              .05519   .27223
        M          Q      V        RU       P9     P9/P     MO     PP/PO   P9/PP     (P9-PP)/(PT-P9)          MVJ/MV9      K9
     1.892       581.3 1678.7  .2707+07    224.7   .9685  1.912    .78816  1.2688           .03633              .05611   .29193
                  P16    PXL       TP      TP/TT    PP      MDOT   PP/PT   PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
                 175.8    .0     542.3    .9646   177.1 .11612-03  .11537  8.6674          1.04213             1.03633   .03572

CORR CONF  POS          AREA      PT        P      TT      T       PP/P    P/PP      (P-PP)/(PT-P)          MVJ/MVINF    KINF
  54   2   .00          .4450    1535.     232.0   562.7  327.0    .82026  1.2191           .03200              .04792   .26082
        M          Q      V        RU       P9     P9/P     MO     PP/PO   P9/PP     (P9-PP)/(PT-P9)          MVJ/MV9      K9
     1.892       581.3 1679.2  .2705+07    227.8   .9819  1.904    .83538  1.1971           .02869              .04838   .27482
                  P16    PXL       TP      TP/TT    PP      MDOT   PP/PT   PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
                 188.6    .0     542.0    .9632   190.3 .10253-03  .12397  8.0662          1.03200             1.02869   .03102

CORR CONF  POS          AREA      PT        P      TT      T       PP/P    P/PP      (P-PP)/(PT-P)          MVJ/MVINF    KINF
  55   2   .00          .4450    1535.     232.0   563.5  328.4    .91293  1.0954           .01550              .01454   .1072
        M          Q      V        RU       P9     P9/P     MO     PP/PO   P9/PP     (P9-PP)/(PT-P9)          MVJ/MV9      K9
     1.892       581.3 1680.5  .2699+07    228.4   .9845  1.902    .92732  1.0784           .01270              .01466   .11828
                  P16    PXL       TP      TP/TT    PP      MDOT   PP/PT   PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
                 209.4    .0     540.6    .9594   211.8 .31081-04  .13798  7.2474          1.01550             1.01270   .00941

CORR CONF  POS          AREA      PT        P      TT      T       PP/P    P/PP      (P-PP)/(PT-P)          MVJ/MVINF    KINF
  56   2   .00          .4450    1534.     231.9   564.6  329.1    .95990  1.0418           .00714              .00325   .03438
        M          Q      V        RU       P9     P9/P     MO     PP/PO   P9/PP     (P9-PP)/(PT-P9)          MVJ/MV9      K9
     1.892       581.1 1682.3  .2690+07    227.2   .9797  1.905    .97975  1.0207           .00352              .00328   .04884
                  P16    PXL       TP      TP/TT    PP      MDOT   PP/PT   PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
                 217.8    .0     538.3    .9534   222.6 .69340-05  .14511  6.8913          1.00714             1.00352   .00210

CORR CONF  POS          AREA      PT        P      TT      T       PP/P    P/PP      (P-PP)/(PT-P)          MVJ/MVINF    KINF
  57   2   .00          .4450    1534.     231.9   565.1  329.4    .97370  1.0270           .00468              .00000   .00000
        M          Q      V        RU       P9     P9/P     MO     PP/PO   P9/PP     (P9-PP)/(PT-P9)          MVJ/MV9      K9
     1.892       581.1 1683.1  .2687+07    227.0   .9789  1.905    .99471  1.0053           .00092              .00000   .00000
                  P16    PXL       TP      TP/TT    PP      MDOT   PP/PT   PT/PP     (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)     KDIT
                 220.5    .0     537.9    .9519   225.8 .00000     .14720  6.7936          1.00468             1.00092   .00000
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CORR CONF  POS         AREA      PT        P       TT      T      PP/P    P/PP    (P-PP)/(PT-P)      MVJ/MVINF      KINF
 58    2   .00        .4450    1550.    360.3   566.8   375.4   .88698  1.1274          .03498           .03611   .18812
       M          Q      V       RH       P9    P9/P     MO     PP/P9   P9/PP   (P9-PP)/(PT-P9)       MVJ/MV9        K9
   1.597      654.0 1516.6  .2998+07    363.8   .9932   1.602   .89307  1.1197          .03279           .03622   .19402
                P16    PXL       TP    IP/TT      PP    MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
              319.0     .0    543.3    .9585   324.9 .96244-04  .20961  4.7707         1.03498          1.03279   .02894
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CORR CONF  POS         AREA      PT        P       TT      T      PP/P    P/PP    (P-PP)/(PT-P)      MVJ/MVINF      KINF
 59    2   .00        .4450    1550.    360.3   566.8   375.4   .91373  1.0944          .02670           .02486   .14589
       M          Q      V       RH       P9    P9/P     MO     PP/P9   P9/PP   (P9-PP)/(PT-P9)       MVJ/MV9        K9
   1.597      654.0 1516.6  .2998+07    364.1   .9940   1.601   .91925  1.0879          .02479           .02493   .15121
                P16    PXL       TP    IP/TT      PP    MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
              323.8     .0    541.8    .9559   334.7 .66261-04  .21594  4.6310         1.02670          1.02479   .01992
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CORR CONF  POS         AREA      PT        P       TT      T      PP/P    P/PP    (P-PP)/(PT-P)      MVJ/MVINF      KINF
 60    2   .00        .4450    1550.    360.3   567.2   375.6   .96642  1.0347          .01039           .00854   .07794
       M          Q      V       RH       P9    P9/P     MO     PP/P9   P9/PP   (P9-PP)/(PT-P9)       MVJ/MV9        K9
   1.597      654.0 1517.0  .2996+07    364.0   .9937   1.601   .97253  1.0282          .00843           .00856   .08642
                P16    PXL       TP    IP/TT      PP    MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
              338.1     .0    540.0    .9520   354.0 .22754-04  .22839  4.3785         1.01039          1.00843   .00684
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CORR CONF  POS         AREA      PT        P       TT      T      PP/P    P/PP    (P-PP)/(PT-P)      MVJ/MVINF      KINF
 61    2   .00        .4450    1550.    360.3   567.2   375.7   .99563  1.0044          .00135           .00000   .00000
       M          Q      V       RH       P9    P9/P     MO     PP/P9   P9/PP   (P9-PP)/(PT-P9)       MVJ/MV9        K9
   1.597      654.0 1517.2  .2995+07    364.0   .9937   1.601  1.00192   .9981         -.00059           .00000   .00000
                P16    PXL       TP    IP/TT      PP    MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
              351.3     .0    539.2    .9506   364.7 .00000     .23520  4.2501         1.00135           .99941   .00000
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CORR CONF  POS         AREA      PT        P       TT      T      PP/P    P/PP    (P-PP)/(PT-P)      MVJ/MVINF      KINF
 62    2   .00        .4450    1550.    562.3   563.6   421.3   .76240  1.3116          .13418           .10091   .30159
       M          Q      V       RH       P9    P9/P     MO     PP/P9   P9/PP   (P9-PP)/(PT-P9)       MVJ/MV9        K9
   1.300      665.2 1307.9  .3212+07    553.9   .9851   1.311   .77397  1.2920          .12469           .10135   .31133
                P16    PXL       TP    IP/TT      PP    MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
              427.1     .0    548.1    .9725   428.7 .31721-03  .27516  3.6342         1.13418          1.12469   .09462
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CORR CONF  POS         AREA      PT        P       TT      T      PP/P    P/PP    (P-PP)/(PT-P)      MVJ/MVINF      KINF
 63    2   .00        .4450    1558.    562.3   563.5   421.2   .79993  1.2501          .11299           .08849   .28078
       M          Q      V       RH       P9    P9/P     MO     PP/P9   P9/PP   (P9-PP)/(PT-P9)       MVJ/MV9        K9
   1.300      665.2 1307.7  .3213+07    554.3   .9858   1.311   .81147  1.2323          .10411           .08886   .29115
                P16    PXL       TP    IP/TT      PP    MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
              446.1     .0    548.1    .9727   449.8 .27822-03  .28870  3.4638         1.11299          1.10411   .08299
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CORR CONF   POS          AREA        PT         P        TT        T       PP/P      P/PP     (P-PP)/(PT-P)              MVJ/MVINF     KINF
 64    2    .00         .4450     1558.     562.3     563.5    421.2     .89881   1.1126            .05715                 .03527    .14773
       M            Q       V        RI        P9      P9/P       M9      PP/P9    P9/PP    (P9-PP)/(PT-P9)              MVJ/MV9       K9
   1.300        665.2  1307.7  .3213+07     554.2     .9856    1.311     .91195   1.0966            .04862                 .03542    .15943
                  P16     PXL       TP     TP/TT        PP      MDOT      PP/PT    PT/PP    (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)        KDIT
                485.1      .0    546.0     .9689     505.4 .11089-03     .32439   3.0827           1.05715                1.04862    .03308
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CORR CONF   POS          AREA        PT         P        TT        T       PP/P      P/PP     (P-PP)/(PT-P)              MVJ/MVINF     KINF
 65    2    .00         .4450     1558.     562.3     563.9    421.4     .94718   1.0558            .02983                 .01207    .06805
       M            Q       V        RI        P9      P9/P       MO      PP/P9    P9/PP    (P9-PP)/(PT-P9)              MVJ/MV9       K9
   1.300        665.2  1308.0  .3211+07     554.3     .9858    1.311     .96085   1.0407            .02162                 .01212    .07957
                  P16     PXL       TP     TP/TT        PP      MDOT      PP/PT    PT/PP    (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)        KDIT
                510.8      .0    543.9     .9645     532.6 .37948-04     .34185   2.9253           1.02983                1.02162    .01132
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CORR CONF   POS          AREA        PT         P        TT        T       PP/P      P/PP     (P-PP)/(PT-P)              MVJ/MVINF     KINF
 66    2    .00         .4450     1558.     562.3     563.8    421.4     .97866   1.0218            .01205                 .00000    .00000
       M            Q       V        RI        P9      P9/P       MO      PP/P9    P9/PP    (P9-PP)/(PT-P9)              MVJ/MV9       K9
   1.300        665.2  1308.0  .3211+07     554.1     .9854    1.311     .99314   1.0069            .00379                 .00000    .00000
                  P16     PXL       TP     TP/TT        PP      MDOT      PP/PT    PT/PP    (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)        KDIT
                535.3      .0    542.4     .9620     550.3 .00000        .35321   2.8312           1.01205                1.00379    .00000
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CORR CONF   POS          AREA        PT         P        TT        T       PP/P      P/PP     (P-PP)/(PT-P)              MVJ/MVINF     KINF
 67    2    .00         .4450     1559.     727.4     561.1    451.3     .83723   1.1944            .14238                 .14363    .40315
       M            Q       V        RI        P9      P9/P       MO      PP/P9    P9/PP    (P9-PP)/(PT-P9)              MVJ/MV9       K9
   1.103        619.5  1148.5  .3221+07     751.4    1.0330    1.077     .81049   1.2338            .17632                 .14310    .36813
                  P16     PXL       TP     TP/TT        PP      MDOT      PP/PT    PT/PP    (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)        KDIT
                607.8      .0    551.1     .9822     609.0 .47882-03     .39064   2.5590           1.14238                1.17632    .14242
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CORR CONF   POS          AREA        PT         P        TT        T       PP/P      P/PP     (P-PP)/(PT-P)              MVJ/MVINF     KINF
 68    2    .00         .4450     1559.     728.1     560.9    451.3     .91856   1.0887            .07137                 .10429    .39316
       M            Q       V        RI        P9      P9/P       MO      PP/P9    P9/PP    (P9-PP)/(PT-P9)              MVJ/MV9       K9
   1.102        618.9  1147.5  .3222+07     751.3    1.0319    1.077     .89019   1.1234            .10214                 .10389    .33374
                  P16     PXL       TP     TP/TT        PP      MDOT      PP/PT    PT/PP    (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)        KDIT
                660.4      .0    550.4     .9813     668.8 .34767-03     .42899   2.3310           1.07137                1.10214    .10340
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CORR CONF   POS          AREA        PT         P        TT        T       PP/P      P/PP     (P-PP)/(PT-P)              MVJ/MVINF     KINF
 69    2    .00         .4450     1559.     728.8     560.6    451.1     .96227   1.0392            .03312                 .04169    .22520
       M            Q       V        RI        P9      P9/P       MO      PP/P9    P9/PP    (P9-PP)/(PT-P9)              MVJ/MV9       K9
   1.102        619.5  1147.2  .3227+07     740.2    1.0156    1.089     .94745   1.0555            .04751                 .04163    .18946
                  P16     PXL       TP     TP/TT        PP      MDOT      PP/PT    PT/PP    (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)        KDIT
                701.6      .0    549.3     .9798     701.3 .13916-03     .44984   2.2230           1.03312                1.04751    .04137
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CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
70	2	.00		.4450	1559.	726.1	560.8	451.2	1.03200	.9690	-.02804	.00000	.00000
	M		Q	V	RH	P9	P9/P	MO	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	1.102		618.9	1147.3	.3223+07	756.3	1.0387	1.071	.09352	1.0065	.00610	.00000	.00000
			F16	PXL	TP	IP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			747.7	.0	546.9	.9752	751.4	.00000	.48198	2.0748	.97196	1.00610	.00000

CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
71	2	.00		.4450	1545.	912.1	559.1	480.0	.83083	1.2036	.24380	.38837	.84911
	M		Q	V	RH	P9	P9/P	MO	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	.902		519.5	965.5	.3042+07	910.5	1.0070	.895	.82500	1.2121	.25650	.38911	.83228
			P16	PXL	TP	IP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			757.5	.0	551.4	.9862	757.8	.12861-02	.49049	2.0388	1.24380	1.25650	.38533

CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
72	2	.00		.4450	1546.	914.0	558.4	480.5	.89938	1.1119	.14557	.15731	.42612
	M		Q	V	RH	P9	P9/P	MO	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	.900		516.2	967.0	.3044+07	912.0	.9978	.902	.90132	1.1095	.14196	.15724	.43079
			P16	PXL	TP	IP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			621.2	.0	550.5	.9859	822.0	.52106-03	.53169	1.8809	1.14557	1.14196	.15593

CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
73	2	.00		.4450	1545.	914.6	558.0	480.4	.94981	1.0520	.07281	.09248	.34403
	M		Q	V	RH	P9	P9/P	MO	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	.899		517.4	965.8	.3044+07	918.2	1.0039	.895	.94609	1.0570	.07897	.09256	.33133
			F16	PXL	TP	IP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			657.2	.0	550.0	.9857	868.7	.30624-03	.56227	1.7785	1.07281	1.07897	.09189

CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
74	2	.00		.4450	1545.	911.5	557.7	479.6	1.00790	.9922	-.01137	.00000	.00000
	M		Q	V	RH	P9	P9/P	MO	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	.902		519.1	966.2	.3050+07	910.6	1.0056	.897	1.00229	.9977	-.00334	.00000	.00000
			F16	PXL	TP	IP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			915.2	.0	547.6	.9819	918.7	.00000	.59463	1.6817	.98863	.99666	.00000

CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
77	2	.00		.4450	1560.	1125.0	553.4	504.0	.95289	1.0494	.12184	.13818	.40093
	M		Q	V	RH	P9	P9/P	MO	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	.700		385.9	770.3	.2741+07	1125.0	1.0000	.700	.95289	1.0494	.12184	.13825	.40093
			P16	PXL	TP	IP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			1072.0	.0	549.0	.9920	1072.0	.42783-03	.68718	1.4552	1.12184	1.12184	.13404

CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
76	2	.00		.4450	1560.	1124.0	553.2	503.7	1.00267	.9973	-.00688	.00000	.00000
	M		Q	V	RU	P9	P9/P	MO	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	.701		386.6	771.1	.2744+07	1126.0	1.0018	.690	1.00080	.9991	-.00230	.00000	.00000
			P16	PXL	TP	TP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			1124.0	.0	547.3	.9893	1127.0	.00000	.72244	1.3842	.99312	.99770	.00000
CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
897	2	1.75		.4450	1535.	231.3	566.4	329.8	.84436	1.1843	.02761	.05071	.29239
	M		Q	V	RU	P9	P9/P	MO	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	1.894		580.8	1685.9	.2678+07	232.1	1.0035	1.892	.84145	1.1884	.02824	.05062	.28924
			P16	PXL	TP	TP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			191.7	.0	551.9	.9744	195.3	.10797-03	.12723	7.8597	1.02761	1.02824	.03277
CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
898	2	1.75		.4450	1535.	232.0	566.4	330.1	.90948	1.0995	.01612	.03054	.22148
	M		Q	V	RU	P9	P9/P	MO	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	1.892		581.3	1684.9	.2680+07	233.7	1.0073	1.887	.90287	1.1076	.01744	.03043	.21309
			P16	PXL	TP	TP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			209.8	.0	550.1	.9712	211.0	.65124-04	.13746	7.2749	1.01612	1.01744	.01977
CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
899	2	1.75		.4450	1535.	232.0	567.1	330.5	.96078	1.0409	.00698	.00884	.09460
	M		Q	V	RU	P9	P9/P	MO	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	1.892		581.3	1685.9	.2675+07	233.0	1.0043	1.880	.95665	1.0453	.00776	.00883	.08981
			P16	PXL	TP	TP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			222.8	.0	546.0	.9663	222.9	.18847-04	.14521	6.8865	1.00698	1.00776	.00572
CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
900	2	1.75		.4450	1555.	425.6	564.6	389.5	.74693	1.3389	.09492	.09993	.35126
	M		Q	V	RU	P9	P9/P	MO	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	1.499		666.3	1450.0	.3097+07	430.1	1.0153	1.480	.73564	1.3594	.10126	.09933	.34131
			P16	PXL	TP	TP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			312.3	.0	555.1	.9832	316.4	.28379-03	.20373	4.9083	1.09492	1.10126	.08500
CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
901	2	1.75		.4450	1554.	424.3	564.2	389.4	.80250	1.2461	.07418	.07556	.28884
	M		Q	V	RU	P9	P9/P	MO	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	1.498		666.5	1446.9	.3101+07	430.4	1.0144	1.480	.79112	1.2640	.08001	.07511	.27904
			P16	PXL	TP	TP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			337.3	.0	555.3	.9842	340.5	.21481-03	.21911	4.5630	1.07418	1.08001	.06428

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CORR CONF  POS         AREA      PT         P       TT      T      PP/P    P/PP     (P-PP)/(PT-P)            MVJ/MVINF    KINF
902     2 1.75         .4450    1554.     424.3   564.2   389.0   .90714  1.1024           .03488               .03051  .15916
        M           Q      V      RU        P9     P9/P      MO    PP/PO   P9/PP   (P9-PP)/(PT-P9)              MVJ/MV9      K9
    1.498       666.5 1448.9 .3101+07    431.3  1.0165   1.487   .89242  1.1206           .04133               .03030  .14676
                  P16    PXL     TP    TP/TT      PP      MDOT   PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
                377.4     .0  552.2    .9767   364.9 .86735-04  .24768  4.0374          1.03488             1.04133  .02595

CORR CONF  POS         AREA      PT         P       TT      T      PP/P    P/PP     (P-PP)/(PT-P)            MVJ/MVINF    KINF
903     2 1.75         .4450    1554.     424.3   564.2   389.3   .95239  1.0500           .01788               .00961  .06823
        M           Q      V      RU        P9     P9/P      MO    PP/PO   P9/PP   (P9-PP)/(PT-P9)              MVJ/MV9      K9
    1.498       666.5 1448.7 .3102+07    429.9  1.0132   1.486   .93999  1.0638           .02295               .00956  .06040
                  P16    PXL     TP    TP/TT      PP      MDOT   PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
                394.7     .0  549.8    .9745   404.1 .27331-04  .26004  3.8456          1.01788             1.02295  .00818

CORR CONF  POS         AREA      PT         P       TT      T      PP/P    P/PP     (P-PP)/(PT-P)            MVJ/MVINF    KINF
905     2 1.75         .4450    1559.     726.1   560.9   451.3   .78863  1.2680           .18522               .18435  .46857
        M           Q      V      RU        P9     P9/P      MO    PP/PO   P9/PP   (P9-PP)/(PT-P9)              MVJ/MV9      K9
    1.102       618.9 1147.5 .3222+07    723.7   .9940   1.107   .79342  1.2604           .17898               .18444  .47529
                  P16    PXL     TP    TP/TT      PP      MDOT   PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
                579.5     .0  556.3    .9918   574.2 .61459-03  .36831  2.7151          1.18522             1.17898  .18278

CORR CONF  POS         AREA      PT         P       TT      T      PP/P    P/PP     (P-PP)/(PT-P)            MVJ/MVINF    KINF
907     2 1.75         .4450    1559.     726.1   560.4   450.8   .87515  1.1427           .10940               .12688  .39660
        M           Q      V      RU        P9     P9/P      MO    PP/PO   P9/PP   (P9-PP)/(PT-P9)              MVJ/MV9      K9
    1.102       618.9 1146.8 .3226+07    724.6   .9952   1.106   .87938  1.1372           .10475               .12693  .40439
                  P16    PXL     TP    TP/TT      PP      MDOT   PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
                628.7     .0  555.9    .9920   637.2 .42322-03  .40872  2.4466          1.10940             1.10475  .12581

CORR CONF  POS         AREA      PT         P       TT      T      PP/P    P/PP     (P-PP)/(PT-P)            MVJ/MVINF    KINF
908     2 1.75         .4450    1559.     729.5   560.3   451.0   .92584  1.0801           .06522               .07468  .29346
        M           Q      V      RU        P9     P9/P      MO    PP/PO   P9/PP   (P9-PP)/(PT-P9)              MVJ/MV9      K9
    1.101       619.0 1146.0 .3228+07    724.1   .9926   1.107   .93274  1.0721           .05833               .07477  .30921
                  P16    PXL     TP    TP/TT      PP      MDOT   PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
                649.6     .0  554.7    .9900   675.4 .24930-03  .43323  2.3083          1.06522             1.05833  .07410

CORR CONF  POS         AREA      PT         P       TT      T      PP/P    P/PP     (P-PP)/(PT-P)            MVJ/MVINF    KINF
893     2 1.75         .4450    1559.    1124.0   542.1   493.7   .82500  1.2121           .45218               .34912  .56816
        M           Q      V      RU        P9     P9/P      MO    PP/PO   P9/PP   (P9-PP)/(PT-P9)              MVJ/MV9      K9
     .700       385.5  762.3 .2812+07   1115.0   .9920    .700   .83166  1.2024           .42275               .34713  .58142
                  P16    PXL     TP    TP/TT      PP      MDOT   PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
                919.7     .0  541.7    .9993   927.3 .10912-02  .59480  1.6812          1.45218             1.42275  .32220
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CORR CONF  POS          AREA      PT       P      TT      T     PP/P    P/PP    (P-PP)/(PT-P)          MVJ/MVINF    KINF
844     2  1.75        .4450    1560.   1120.0   542.0  493.8  .90053  1.1105           .25806              .23414   .48123
        M           Q      V      RH      P9    P9/P     M0    PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9      K9
     .699       385.1  761.3 .2612+07  1116.0   .9911   .700   .90860  1.1006           .22973              .23274   .50409
                  P16    PXL      TP   TP/TT      PP    MDOT   PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
               1016.0     .0   541.3   .9987  1014.0 .73201-03 .65000 1.5385          1.25806             1.22973   .22124

CORR CONF  POS          AREA      PT       P      TT      T     PP/P    P/PP    (P-PP)/(PT-P)          MVJ/MVINF    KINF
845     2  1.75        .4450    1560.   1120.0   542.0  493.8  .94938  1.0533           .13134              .13334   .37339
        M           Q      V      RH      P9    P9/P     M0    PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9      K9
     .699       385.1  761.3 .2612+07  1116.0   .9911   .700   .95789  1.0440           .10586              .13255   .41106
                  P16    PXL      TP   TP/TT      PP    MDOT   PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
               1067.0     .0   540.9   .9980  1069.0 .41688-03 .68526 1.4593          1.13134             1.10586   .12906

CORR CONF  POS          AREA      PT       P      TT      T     PP/P    P/PP    (P-PP)/(PT-P)          MVJ/MVINF    KINF
759     2  5.85        .4450    1535.    232.0   564.4  328.0  .91681  1.0907           .01481              .02349   .17693
        M           Q      V      RH      P9    P9/P     M0    PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9      K9
    1.692       581.3 1081.8 .2093+07   235.7  1.0159  1.882   .90242  1.1081           .01770              .02330   .16218
                  P16    PXL      TP   TP/TT      PP    MDOT   PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                208.6     .0   550.1   .9747   212.7 .50179-04 .13857 7.2167          1.01481             1.01770   .01520

CORR CONF  POS          AREA      PT       P      TT      T     PP/P    P/PP    (P-PP)/(PT-P)          MVJ/MVINF    KINF
760     2  5.85        .4450    1535.    232.0   564.8  329.2  .98060  1.0198           .00345              .01303   .19602
        M           Q      V      RH      P9    P9/P     M0    PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9      K9
    1.892       581.3 1082.6 .2090+07   235.9  1.0168  1.881   .96439  1.0369           .00647              .01292   .14356
                  P16    PXL      TP   TP/TT      PP    MDOT   PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                224.2     .0   548.7   .9715   227.5 .27822-04 .14821 6.7473          1.00345             1.00647   .00843

CORR CONF  POS          AREA      PT       P      TT      T     PP/P    P/PP    (P-PP)/(PT-P)          MVJ/MVINF    KINF
761     2  5.85        .4450    1550.    365.6   566.3  374.8  .76668  1.3043           .07202              .06131   .24083
        M           Q      V      RH      P9    P9/P     M0    PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9      K9
    1.598       653.5 1516.3 .3001+07   378.1  1.0342  1.576   .74134  1.3489           .08345              .06042   .22527
                  P16    PXL      TP   TP/TT      PP    MDOT   PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                277.9     .0   555.8   .9815   260.3 .16331-03 .18084 5.5290          1.07202             1.08345   .04909

CORR CONF  POS          AREA      PT       P      TT      T     PP/P    P/PP    (P-PP)/(PT-P)          MVJ/MVINF    KINF
762     2  5.85        .4450    1550.    365.5   566.2  374.7  .81669  1.2245           .05656              .04981   .21328
        M           Q      V      RH      P9    P9/P     M0    PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9      K9
    1.598       653.3 1516.1 .3001+07   377.9  1.0339  1.576   .78989  1.2660           .06774              .04909   .19620
                  P16    PXL      TP   TP/TT      PP    MDOT   PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                298.5     .0   556.0   .9820   298.5 .13266-03 .19258 5.1926          1.05656             1.06774   .03987
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CORR CONF  POS          AREA      PT         P      TT      T     PP/P    P/PP    (P-PP)/(PT-P)          MVJ/MVINF    KINF
763    2 5.85          .4450    1550.     560.5   566.6  375.2  .90800  1.1013           .02847              .02947  .16804
         M           Q      V      RH        P9    P9/P     MQ    PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9      K9
     1.597      654.0 1516.2 .3000+07     377.6  1.0308  1.576  .98083  1.1353           .03838              .02909  .14560
                  P16    PXL      TP     IP/TT     PP    MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                329.5     .0   553.7     .9772  332.6 .78566-04  .21458  4.6603         1.02847             1.03838  .02362

CORR CONF  POS          AREA      PT         P      TT      T     PP/P    P/PP    (P-PP)/(PT-P)          MVJ/MVINF    KINF
764    2 5.85          .4450    1550.     560.5   566.9  375.0  .95277  1.0496           .01462              .01456  .11292
         M           Q      V      RH        P9    P9/P     MQ    PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9      K9
     1.597      654.0 1516.6 .2998+07     377.8  1.0314  1.576  .92377  1.0825           .02457              .01437  .08762
                  P16    PXL      TP     IP/TT     PP    MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                346.6     .0   551.8     .9734  349.0 .38810-04  .22516  4.4413         1.01462             1.02457  .01167

CORR CONF  POS          AREA      PT         P      TT      T     PP/P    P/PP    (P-PP)/(PT-P)          MVJ/MVINF    KINF
765    2 5.85          .4450    1558.     563.0   564.4  422.2  .68701  1.4556           .17739              .08981  .24713
         M           Q      V      RH        P9    P9/P     MQ    PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9      K9
     1.298      664.7 1307.2 .3206+07     537.8   .9542  1.333  .71997  1.3889           .14762              .09105  .26685
                  P16    PXL      TP     IP/TT     PP    MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                386.3     .0   556.7     .9864  387.2 .28224-03  .24852  4.0238         1.17739             1.14762  .08425

CORR CONF  POS          AREA      PT         P      TT      T     PP/P    P/PP    (P-PP)/(PT-P)          MVJ/MVINF    KINF
766    2 5.85          .4450    1558.     561.7   564.2  421.5  .79384  1.2597           .11623              .05132  .16124
         M           Q      V      RH        P9    P9/P     MQ    PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9      K9
     1.301      665.5 1309.2 .3209+07     537.9   .9576  1.332  .82896  1.2063           .09019              .05201  .18056
                  P16    PXL      TP     IP/TT     PP    MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                444.4     .0   555.4     .9844  445.9 .16124-03  .28620  3.4941         1.11623             1.09019  .04812

CORR CONF  POS          AREA      PT         P      TT      T     PP/P    P/PP    (P-PP)/(PT-P)          MVJ/MVINF    KINF
767    2 5.85          .4450    1558.     561.0   564.3  421.0  .89857  1.1129           .05707              .01115  .04674
         M           Q      V      RH        P9    P9/P     MQ    PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9      K9
     1.302      665.7 1310.0 .3209+07     538.6   .9601  1.331  .93595  1.0684           .03384              .01129  .05992
                  P16    PXL      TP     IP/TT     PP    MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                489.5     .0   550.0     .9747  504.1 .35011-04  .32356  3.0907         1.05707             1.03384  .01045

CORR CONF  POS          AREA      PT         P      TT      T     PP/P    P/PP    (P-PP)/(PT-P)          MVJ/MVINF    KINF
768    2 5.85          .4450    1558.     561.0   564.1  421.3  .92888  1.0766           .04002              .00184  .00903
         M           Q      V      RH        P9    P9/P     MQ    PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9      K9
     1.302      665.7 1309.9 .3210+07     537.9   .9588  1.332  .96877  1.0322           .01647              .00186  .01389
                  P16    PXL      TP     IP/TT     PP    MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                491.0     .0   549.0     .9732  521.1 .57682-05  .33447  2.9898         1.04002             1.01647  .00172
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CORR CONF  POS             AREA       PT         P        TT       T      PP/P     P/PP      (P-PP)/(PT-P)       MVJ/MVINF      KINF
769     2 5.85            .4450     1558.     729.4    562.9   453.2    .74404   1.3440           .22532          .13136    .31254
        M               Q     V        RU        P9     P9/P      MQ     PP/P9    P9/PP      (P9-PP)/(PT-P9)      MVJ/MV9        K9
    1.100          617.8 1147.8 .3204+07    663.0    .9090   1.176    .81855   1.2217           .13441          .13337    .38767
                     P16    PXL      TP     TP/TT       PP     MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
                   540.7     .0   557.0     .9895   542.7 .43700-03    .34833   2.8708          1.22532         1.13441    .13028

CORR CONF  POS             AREA       PT         P        TT       T      PP/P     P/PP      (P-PP)/(PT-P)       MVJ/MVINF      KINF
770     2 5.85            .4450     1558.     727.4    562.7   452.7    .84988   1.1766           .13147          .07941    .22997
        M               Q     V        RU        P9     P9/P      MQ     PP/P9    P9/PP      (P9-PP)/(PT-P9)      MVJ/MV9        K9
    1.102          618.4 1149.2 .3205+07    662.7    .9111   1.176    .93285   1.0720           .04970          .08058    .35890
                     P16    PXL      TP     TP/TT       PP     MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
                   610.6     .0   556.5     .9890   618.2 .26407-03    .39679   2.5202          1.13147         1.04970    .07871

CORR CONF  POS             AREA       PT         P        TT       T      PP/P     P/PP      (P-PP)/(PT-P)       MVJ/MVINF      KINF
771     2 5.85            .4450     1559.     728.1    562.7   452.7    .89988   1.1113           .08774          .04396    .15115
        M               Q     V        RU        P9     P9/P      MQ     PP/P9    P9/PP      (P9-PP)/(PT-P9)      MVJ/MV9        K9
    1.102          618.9 1149.2 .3209+07    663.0    .9106   1.176    .98824   1.0119           .00871          .04463    .46044
                     P16    PXL      TP     TP/TT       PP     MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
                   619.1     .0   554.0     .9845   655.2 .14633-03    .42027   2.3794          1.08774         1.00871    .04359

CORR CONF  POS             AREA       PT         P        TT       T      PP/P     P/PP      (P-PP)/(PT-P)       MVJ/MVINF      KINF
773     2 5.85            .4450     1546.     912.1    557.2   479.2    .88104   1.1350           .17116          .09069    .22908
        M               Q     V        RU        P9     P9/P      MQ     PP/P9    P9/PP      (P9-PP)/(PT-P9)      MVJ/MV9        K9
     .902          519.5  967.6 .3056+07    899.9    .9866    .914    .89299   1.1198           .14905          .09051    .24302
                     P16    PXL      TP     TP/TT       PP     MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
                   775.1     .0   551.8     .9903   803.6 .30086-03    .51979   1.9238          1.17116         1.14905    .08993

CORR CONF  POS             AREA       PT         P        TT       T      PP/P     P/PP      (P-PP)/(PT-P)       MVJ/MVINF      KINF
774     2 5.85            .4450     1546.     914.6    557.1   479.5    .93145   1.0736           .09930          .02442    .07854
        M               Q     V        RU        P9     P9/P      MQ     PP/P9    P9/PP      (P9-PP)/(PT-P9)      MVJ/MV9        K9
     .899          517.4  964.9 .3051+07    900.7    .9848    .914    .94582   1.0573           .07562          .02435    .08898
                     P16    PXL      TP     TP/TT       PP     MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
                   827.6     .0   549.5     .9864   851.9 .80924-04    .55103   1.8148          1.09930         1.07562    .02421

CORR CONF  POS             AREA       PT         P        TT       T      PP/P     P/PP      (P-PP)/(PT-P)       MVJ/MVINF      KINF
113     5  .00            .4450     1534.     231.9    567.5   330.8    .63821   1.5669           .06443          .04234    .18635
        M               Q     V        RU        P9     P9/P      MQ     PP/P9    P9/PP      (P9-PP)/(PT-P9)      MVJ/MV9        K9
    1.892          581.1 1686.7 .2671+07    228.0    .9832   1.903    .64912   1.5405           .06126          .04272    .19067
                     P16    PXL      TP     TP/TT       PP     MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
                   213.6     .0   543.2     .9572   148.0 .90151-04    .09648  10.3649          1.06443         1.06126    .02741
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CORR CONF  POS          AREA      PT        P       TT       T      PP/P     P/PP      (P-PP)/(PT-P)                    MVJ/MVINF      KINF
 114    5  .00         .4450    1534.     231.9    567.6   330.8   .73868   1.3538             .04654                     .02406    .11499
        M            Q      V       RU      P9     P9/P      M9    PP/P9    P9/PP     (P9-PP)/(PT-P9)                   MVJ/MV9        K9
    1.892        581.1 1686.7 .2671+07   227.9    .9828   1.903   .75165   1.3304             .04334                     .02428    .11889
                   P16    PXL      TP    TP/TT       PP      MDOT    PP/PT    PT/PP     (PT-PP)/(PT-P)     (PT-PP)/(PT-P9)           KDIT
                 216.3     .0   542.6    .9560    171.3 .51235-04   .11167   8.9550            1.04654            1.04334    .01558

CORR CONF  POS          AREA      PT        P       TT       T      PP/P     P/PP      (P-PP)/(PT-P)                    MVJ/MVINF      KINF
 115    5  .00         .4450    1535.     232.0    568.0   331.0   .84741   1.1801             .02717                     .01261    .07318
        M            Q      V       RU      P9     P9/P      M9    PP/P9    P9/PP     (P9-PP)/(PT-P9)                   MVJ/MV9        K9
    1.892        581.3 1687.2 .2670+07   228.1    .9832   1.903   .86190   1.1602             .02410                     .01272    .07752
                   P16    PXL      TP    TP/TT       PP      MDOT    PP/PT    PT/PP     (PT-PP)/(PT-P)     (PT-PP)/(PT-P9)           KDIT
                 216.3     .0   541.8    .9539    196.6 .26852-04   .12808   7.8077            1.02717            1.02410    .00816

CORR CONF  POS          AREA      PT        P       TT       T      PP/P     P/PP      (P-PP)/(PT-P)                    MVJ/MVINF      KINF
 116    5  .00         .4450    1535.     232.0    568.5   331.3   .93276   1.0721             .01197                     .00674    .05591
        M            Q      V       RU      P9     P9/P      M9    PP/P9    P9/PP     (P9-PP)/(PT-P9)                   MVJ/MV9        K9
    1.892        581.3 1687.9 .2666+07   228.1    .9832   1.903   .94871   1.0541             .00895                     .00680    .06452
                   P16    PXL      TP    TP/TT       PP      MDOT    PP/PT    PT/PP     (PT-PP)/(PT-P)     (PT-PP)/(PT-P9)           KDIT
                 221.1     .0   540.9    .9515    216.4 .14338-04   .14098   7.0933            1.01197            1.00895    .00436

CORR CONF  POS          AREA      PT        P       TT       T      PP/P     P/PP      (P-PP)/(PT-P)                    MVJ/MVINF      KINF
 117    5  .00         .4450    1534.     231.9    568.8   331.5   .98534   1.0149             .00261                     .00000    .00000
        M            Q      V       RU      P9     P9/P      M9    PP/P9    P9/PP     (P9-PP)/(PT-P9)                   MVJ/MV9        K9
    1.892        581.1 1688.4 .2663+07   227.9    .9828   1.903  1.00263    .9974            -.00046                     .00000    .00000
                   P16    PXL      TP    TP/TT       PP      MDOT    PP/PT    PT/PP     (PT-PP)/(PT-P)     (PT-PP)/(PT-P9)           KDIT
                 231.5     .0   540.2    .9497    228.5 .00000      .14896   6.7133            1.00261             .99954    .00000

CORR CONF  POS          AREA      PT        P       TT       T      PP/P     P/PP      (P-PP)/(PT-P)                    MVJ/MVINF      KINF
 118    5  .00         .4450    1553.     423.6    567.3   391.3   .63574   1.5730             .13662                     .05888    .18853
        M            Q      V       RU      P9     P9/P      M9    PP/P9    P9/PP     (P9-PP)/(PT-P9)                   MVJ/MV9        K9
    1.499        666.3 1453.4 .3078+07   425.8   1.0052   1.496   .63246   1.5811             .13884                     .05877    .18725
                   P16    PXL      TP    TP/TT       PP      MDOT    PP/PT    PT/PP     (PT-PP)/(PT-P)     (PT-PP)/(PT-P9)           KDIT
                 372.3     .0   546.7    .9637    269.3 .16684-03   .17341   5.7668            1.13662            1.13884    .05009

CORR CONF  POS          AREA      PT        P       TT       T      PP/P     P/PP      (P-PP)/(PT-P)                    MVJ/MVINF      KINF
 119    5  .00         .4450    1553.     424.3    567.3   391.5   .70634   1.4157             .11039                     .04851    .16309
        M            Q      V       RU      P9     P9/P      M9    PP/P9    P9/PP     (P9-PP)/(PT-P9)                   MVJ/MV9        K9
    1.498        666.5 1452.8 .3079+07   425.1   1.0019   1.497   .70501   1.4184             .11118                     .04848    .16259
                   P16    PXL      TP    TP/TT       PP      MDOT    PP/PT    PT/PP     (PT-PP)/(PT-P)     (PT-PP)/(PT-P9)           KDIT
                 383.4     .0   546.1    .9626    299.7 .13756-03   .19298   5.1818            1.11039            1.11118    .04130
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CORR CONF  POS          AREA      PT         P      TI      T      PP/P    P/PP      (P-PP)/(PT-P)         MVJ/MVINF     KINF
120    5   .00         .4450    1553.     424.3   567.5  391.7   .80839  1.2370            .07203             .03549     .13718
       M             G     V      KU        P9    P9/P       K9    PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9        K9
    1.498        666.5 1453.2 .3077+07   424.8  1.0012  1.497   .80744  1.2385            .07250             .03547     .13677
                   P16    PXL     TP     TP/TT     PP      MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                 397.1     .0   545.4    .9611   343.0 .10060-03  .22086  4.5277           1.07203           1.07250     .03021

CORR CONF  POS          AREA      PT         P      TT      T      PP/P    P/PP      (P-PP)/(PT-P)         MVJ/MVINF     KINF
121    5   .00         .4450    1553.     424.3   567.8  391.9   .90620  1.1035            .03526             .01596     .08290
       M             G     V      KU        P9    P9/P       K9    PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9        K9
    1.498        666.5 1453.5 .3075+07   424.8  1.0012  1.497   .90513  1.1048            .03572             .01596     .08239
                   P16    PXL     TP     TP/TT     PP      MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                 406.6     .0   544.4    .9588   384.5 .45239-04  .24759  4.0390           1.03526           1.03572     .01359

CORR CONF  POS          AREA      PT         P      TT      T      PP/P    P/PP      (P-PP)/(PT-P)         MVJ/MVINF     KINF
122    5   .00         .4450    1553.     424.3   568.0  392.0   .96111  1.0405            .01462             .00677     .05291
       M             G     V      KU        P9    P9/P       K9    PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9        K9
    1.498        666.5 1453.7 .3074+07   424.8  1.0012  1.497   .95998  1.0417            .01507             .00677     .05212
                   P16    PXL     TP     TP/TT     PP      MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                 415.8     .0   543.2    .9563   407.8 .19183-04  .26259  3.8082           1.01462           1.01507     .00576

CORR CONF  POS          AREA      PT         P      TT      T      PP/P    P/PP      (P-PP)/(PT-P)         MVJ/MVINF     KINF
123    5   .00         .4450    1559.     728.1   563.4  453.3   .74015  1.3511            .22770             .13013     .30884
       M             G     V      KU        P9    P9/P       M9    PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9        K9
    1.102        618.9 1150.0 .3203+07   726.7   .9981  1.104   .74157  1.3485            .22564             .13013     .30996
                   P16    PXL     TP     TP/TT     PP      MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                 662.0     .0   552.6    .9808   538.9 .43288-03  .34567  2.8929           1.22770           1.22564     .12902

CORR CONF  POS          AREA      PT         P      TT      T      PP/P    P/PP      (P-PP)/(PT-P)         MVJ/MVINF     KINF
124    5   .00         .4450    1559.     728.8   563.2  453.3   .81078  1.2334            .16610             .12092     .31964
       M             G     V      KU        P9    P9/P       M9    PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9        K9
    1.101        618.4 1149.0 .3203+07   753.8  1.0340  1.074   .78410  1.2753            .20201             .12041     .29471
                   P16    PXL     TP     TP/TT     PP      MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                 692.4     .0   552.5    .9810   590.9 .40226-03  .37903  2.6383           1.16610           1.20201     .11987

CORR CONF  POS          AREA      PT         P      TT      T      PP/P    P/PP      (P-PP)/(PT-P)         MVJ/MVINF     KINF
125    5   .00         .4450    1559.     727.4   563.2  452.9   .92040  1.0865            .06962             .06182     .23576
       M             G     V      KU        P9    P9/P       M9    PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9        K9
    1.103        619.5 1150.5 .3207+07   746.4  1.0261  1.082   .89697  1.1149            .09463             .06164     .20478
                   P16    PXL     TP     TP/TT     PP      MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                 730.6     .0   551.1    .9785   669.5 .20571-03  .42944  2.3286           1.06962           1.09463     .06130
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CORR CONF  POS        AREA      PT        P       TT       T      PP/P    P/PP    (P-PP)/(PT-P)              MVJ/MVINF    KINF
126    5   .00       .4450    1559.    728.6   562.9   453.0   .96035  1.0413          .03481                .03846   .20269
       M           Q     V       RU       P9     P9/P      M9    PP/P9   P9/PP  (P9-PP)/(PT-P9)              MVJ/MV9      K9
   1.101     618.4 1148.6 .3206+07   755.0   1.0359   1.073   .92702  1.0787          .06853                .03830   .14699
               P16    PXL      TP    TP/TT      PP     MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
             738.2     .0   550.3    .9776   699.9 .12800-03  .44894  2.2275         1.03481               1.06853   .03813

CORR CONF  POS        AREA      PT        P       TT       T      PP/P    P/PP    (P-PP)/(PT-P)              MVJ/MVINF    KINF
129    5   .00       .4450    1560.   1125.0   556.0   506.4   .90667  1.1029          .24138                .26421   .55943
       M           Q     V       RU       P9     P9/P      M9    PP/P9   P9/PP  (P9-PP)/(PT-P9)              MVJ/MV9      K9
    .700     385.9  772.1 .2724+07  1125.0   1.0000    .700   .90667  1.1029          .24138                .26435   .55943
               P16    PXL      TP    TP/TT      PP     MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
            1084.0     .0   551.1    .9912  1020.0 .81612-03  .65385  1.5294         1.24138               1.24138   .25040

CORR CONF  POS        AREA      PT        P       TT       T      PP/P    P/PP    (P-PP)/(PT-P)              MVJ/MVINF    KINF
130    5   .00       .4450    1560.   1126.0   555.6   506.1   .95560  1.0465          .11521                .08053   .23994
       M           Q     V       RU       P9     P9/P      M9    PP/P9   P9/PP  (P9-PP)/(PT-P9)              MVJ/MV9      K9
    .699     385.1  770.8 .2725+07  1126.0   1.0000    .699   .95560  1.0465          .11521                .08058   .23994
               P16    PXL      TP    TP/TT      PP     MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
            1124.0     .0   550.3    .9905  1076.0 .24869-03  .68974  1.4498         1.11521               1.11521   .07823

CORR CONF  POS        AREA      PT        P       TT       T      PP/P    P/PP    (P-PP)/(PT-P)              MVJ/MVINF    KINF
910    5  1.75       .4450    1534.    231.3   567.6   330.6   .75616  1.3225          .04329                .03708   .18125
       M           Q     V       RU       P9     P9/P      M9    PP/P9   P9/PP  (P9-PP)/(PT-P9)              MVJ/MV9      K9
   1.893     580.2 1687.0 .2668+07   233.4   1.0091   1.887   .74936  1.3345          .04498                .03690   .17804
               P16    PXL      TP    TP/TT      PP     MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
             220.5     .0   554.0    .9760   174.9 .78808-04  .11402  8.7707         1.04329               1.04498   .02396

CORR CONF  POS        AREA      PT        P       TT       T      PP/P    P/PP    (P-PP)/(PT-P)              MVJ/MVINF    KINF
911    5  1.75       .4450    1534.    231.9   568.2   331.2   .81501  1.2270          .03295                .02840   .15287
       M           Q     V       RU       P9     P9/P      M9    PP/P9   P9/PP  (P9-PP)/(PT-P9)              MVJ/MV9      K9
   1.892     581.1 1687.7 .2666+07   233.8   1.0082   1.886   .80838  1.2370          .03446                .02828   .14965
               P16    PXL      TP    TP/TT      PP     MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
             218.3     .0   553.8    .9747   189.0 .60432-04  .12321  8.1164         1.03295               1.03446   .01838

CORR CONF  POS        AREA      PT        P       TT       T      PP/P    P/PP    (P-PP)/(PT-P)              MVJ/MVINF    KINF
912    5  1.75       .4450    1534.    231.3   568.2   331.0   .92910  1.0763          .01259                .01102   .08936
       M           Q     V       RU       P9     P9/P      M9    PP/P9   P9/PP  (P9-PP)/(PT-P9)              MVJ/MV9      K9
   1.893     580.2 1688.1 .2663+07   234.3   1.0130   1.885   .91720  1.0903          .01493                .01095   .08220
               P16    PXL      TP    TP/TT      PP     MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
             225.7     .0   552.9    .9731   214.9 .23415-04  .14009  7.1382         1.01259               1.01493   .00712
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CORR CONF  POS         AREA      PT        P       TT       T        PP/P    P/PP      (P-PP)/(PT-P)         MVJ/MVINF     KINF
 915    5 1.75         .4450     1534.     231.9   568.6   331.4    .96636  1.0348          .00599               .00513    .05905
      M              Q      V      RU       P9     P9/P     M9      PP/P9   P9/PP     (P9-PP)/(PT-P9)          MVJ/MV9       K9
  1.892          581.1 1688.2 .2664+07     235.0   1.0134  1.883    .95362  1.0486          .00839               .00509    .04998
                  P16    PXL     TP      IP/TT      PP      MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)     (PT-PP)/(PT-P9)     KDIT
                 232.9    .0    552.7    .9720    224.1 .10910-04   .14609  6.8452          1.00599             1.00839    .00332

CORR CONF  POS         AREA      PT        P       TT       T        PP/P    P/PP      (P-PP)/(PT-P)         MVJ/MVINF     KINF
 915    5 1.75         .4450     1555.     424.3   565.9   390.5    .59133  1.6911          .15336               .07164    .22537
      M              Q      V      RU       P9     P9/P     M9      PP/P9   P9/PP     (P9-PP)/(PT-P9)          MVJ/MV9       K9
  1.499          667.4 1451.9 .3092+07     430.2   1.0139  1.489    .58322  1.7146          .15941               .07126    .22181
                  P16    PXL     TP      IP/TT      PP      MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)     (PT-PP)/(PT-P9)     KDIT
                 375.3    .0    556.7    .9837    250.9 .20353-03   .16135  6.1977          1.15336             1.15941    .06095

CORR CONF  POS         AREA      PT        P       TT       T        PP/P    P/PP      (P-PP)/(PT-P)         MVJ/MVINF     KINF
 916    5 1.75         .4450     1555.     424.3   565.9   390.5    .70233  1.4238          .11170               .05397    .18091
      M              Q      V      RU       P9     P9/P     M9      PP/P9   P9/PP     (P9-PP)/(PT-P9)          MVJ/MV9       K9
  1.499          667.4 1451.9 .3092+07     430.1   1.0137  1.489    .69286  1.4433          .11743               .05369    .17701
                  P16    PXL     TP      IP/TT      PP      MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)     (PT-PP)/(PT-P9)     KDIT
                 384.3    .0    556.5    .9834    298.0 .15333-03   .19164  5.2181          1.11170             1.11743    .04592

CORR CONF  POS         AREA      PT        P       TT       T        PP/P    P/PP      (P-PP)/(PT-P)         MVJ/MVINF     KINF
 917    5 1.75         .4450     1555.     424.3   566.3   390.7    .79920  1.2513          .07535               .03698    .14063
      M              Q      V      RU       P9     P9/P     M9      PP/P9   P9/PP     (P9-PP)/(PT-P9)          MVJ/MV9       K9
  1.499          667.4 1452.3 .3090+07     430.2   1.0139  1.489    .78824  1.2687          .08099               .03678    .13609
                  P16    PXL     TP      IP/TT      PP      MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)     (PT-PP)/(PT-P9)     KDIT
                 386.7    .0    555.6    .9811    339.1 .10503-03   .21807  4.5857          1.07535             1.08099    .03147

CORR CONF  POS         AREA      PT        P       TT       T        PP/P    P/PP      (P-PP)/(PT-P)         MVJ/MVINF     KINF
 918    5 1.75         .4450     1555.     424.3   565.9   390.4    .90054  1.1104          .03732               .01852    .09381
      M              Q      V      RU       P9     P9/P     M9      PP/P9   P9/PP     (P9-PP)/(PT-P9)          MVJ/MV9       K9
  1.499          667.4 1451.7 .3093+07     430.1   1.0137  1.489    .88840  1.1256          .04267               .01842    .08801
                  P16    PXL     TP      IP/TT      PP      MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)     (PT-PP)/(PT-P9)     KDIT
                 399.7    .0    554.5    .9799    382.1 .52620-04   .24572  4.0696          1.03732             1.04267    .01576

CORR CONF  POS         AREA      PT        P       TT       T        PP/P    P/PP      (P-PP)/(PT-P)         MVJ/MVINF     KINF
 919    5 1.75         .4450     1555.     423.6   565.9   390.3    .95231  1.0501          .01785               .00544    .03862
      M              Q      V      RU       P9     P9/P     M9      PP/P9   P9/PP     (P9-PP)/(PT-P9)          MVJ/MV9       K9
  1.500          667.2 1452.5 .3091+07     429.7   1.0144  1.490    .93879  1.0652          .02337               .00541    .03386
                  P16    PXL     TP      IP/TT      PP      MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)     (PT-PP)/(PT-P9)     KDIT
                 411.2    .0    553.9    .9788    403.4 .15432-04   .25942  3.8547          1.01785             1.02337    .00462
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CORR CONF  POS        AREA      PT         P       TT        T      PP/P     P/PP    (P-PP)/(PT-P)          MVJ/MVINF     KINF
 922     5 1.75      .4450    1561.     727.4    562.5    452.3   .69274   1.4435          .26811             .15646    .35485
         M            Q         V        RO        P9     P9/P       M9    PP/P9    P9/PP  (P9-PP)/(PT-P9)          MVJ/MV9        K9
    1.104         626.6  1150.6 .3215+07     722.8    .9937    1.109   .69715   1.4344          .26115             .15657    .35845
                    P16       PXL       TP     TP/TT       PP     MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
                  635.6        .0    558.3     .9925    503.9 .52148-03 .32281   3.0978         1.26811            1.26115    .15511

CORR CONF  POS        AREA      PT         P       TT        T      PP/P     P/PP    (P-PP)/(PT-P)          MVJ/MVINF     KINF
 923     5 1.75      .4450    1561.     729.5    562.0    452.2   .78245   1.2780          .19086             .12771    .32132
         M            Q         V        RO        P9     P9/P       M9    PP/P9    P9/PP  (P9-PP)/(PT-P9)          MVJ/MV9        K9
    1.102         620.1  1146.6 .3219+07     722.3    .9901    1.110   .79025   1.2654          .18064             .12790    .32872
                    P16       PXL       TP     TP/TT       PP     MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
                  674.3        .0    557.7     .9923    570.8 .42614-03 .36566   2.7348         1.19086            1.18064    .12669

CORR CONF  POS        AREA      PT         P       TT        T      PP/P     P/PP    (P-PP)/(PT-P)          MVJ/MVINF     KINF
 925     5 1.75      .4450    1559.     728.1    561.5    451.7   .87351   1.1448          .11084             .08354    .25969
         M            Q         V        RO        P9     P9/P       M9    PP/P9    P9/PP  (P9-PP)/(PT-P9)          MVJ/MV9        K9
    1.102         618.9  1148.0 .3218+07     721.6    .9911    1.109   .88137   1.1346          .10222             .08362    .26927
                    P16       PXL       TP     TP/TT       PP     MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
                  703.1        .0    556.9     .9918    636.0 .27839-03 .40795   2.4513         1.11084            1.10222    .08284

CORR CONF  POS        AREA      PT         P       TT        T      PP/P     P/PP    (P-PP)/(PT-P)          MVJ/MVINF     KINF
 927     5 1.75      .4450    1560.     727.4    561.2    451.3   .92700   1.0787          .06378             .05548    .22030
         M            Q         V        RO        P9     P9/P       M9    PP/P9    P9/PP  (P9-PP)/(PT-P9)          MVJ/MV9        K9
    1.104         620.6  1149.5 .3224+07     724.3    .9957    1.107   .93097   1.0742          .05983             .05553    .22699
                    P16       PXL       TP     TP/TT       PP     MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
                  713.9        .0    556.2     .9911    674.3 .18512-03 .43224   2.3135         1.06378            1.05983    .05503

CORR CONF  POS        AREA      PT         P       TT        T      PP/P     P/PP    (P-PP)/(PT-P)          MVJ/MVINF     KINF
 929     5 1.75      .4450    1561.    1124.0    554.6    504.9   .77776   1.2857          .57162             .32425    .48500
         M            Q         V        RO        P9     P9/P       M9    PP/P9    P9/PP  (P9-PP)/(PT-P9)          MVJ/MV9        K9
     .702         387.7   773.1 .2740+07    1116.0    .9929     .709   .78333   1.2766          .54337             .32288    .49280
                    P16       PXL       TP     TP/TT       PP     MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
                  985.5        .0    553.5     .9980    874.2 .10050-02 .56003   1.7856         1.57162            1.54337    .29749

CORR CONF  POS        AREA      PT         P       TT        T      PP/P     P/PP    (P-PP)/(PT-P)          MVJ/MVINF     KINF
 930     5 1.75      .4450    1561.    1125.0    554.1    504.6   .80249   1.2461          .50963             .29594    .46023
         M            Q         V        RO        P9     P9/P       M9    PP/P9    P9/PP  (P9-PP)/(PT-P9)          MVJ/MV9        K9
     .700         385.9   770.7 .2737+07    1114.0    .9902     .711   .81041   1.2339          .47248             .29370    .47186
                    P16       PXL       TP     TP/TT       PP     MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
                 1006.0        .0    553.5     .9989    902.8 .91577-03 .57835   1.7291         1.50963            1.47248    .27185
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CORR CONF  POS          AREA      PT        P       TT       T      PP/P    P/PP      (P-PP)/(PT-P)          MVJ/MVINF     KINF
 932    5 1.75          .4450    1561.   1126.0   552.4   503.1   .90053  1.1105            .25747             .16916   .34824
        M          Q      V        RU       P9     P9/P      M9     PP/P9   P9/PP     (P9-PP)/(PT-P9)          MVJ/MV9       K9
      .700     386.2   769.6 .2750+07  1115.0    .9902    .710   .90942  1.0996            .22646             .16813   .36657
                 P16     PXL      TP    TP/TT      PP      MDOT    PP/PT   PT/PP      (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
              1084.0      .0   551.6   .9986  1014.0 .52470-03   .64958  1.5394           1.25747            1.22646   .15996

CORR CONF  POS          AREA      PT        P       TT       T      PP/P    P/PP      (P-PP)/(PT-P)          MVJ/MVINF     KINF
 935    5 1.75          .4450    1560.   1124.0   550.6   501.4   .95196  1.0505            .12385             .09079   .26139
        M          Q      V        RU       P9     P9/P      M9     PP/P9   P9/PP     (P9-PP)/(PT-P9)          MVJ/MV9       K9
      .701     386.6   769.4 .2761+07  1116.0    .9929    .709   .95878  1.0430            .10360             .09036   .28313
                 P16     PXL      TP    TP/TT      PP      MDOT    PP/PT   PT/PP      (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
              1111.0      .0   549.8   .9985  1070.0 .28199-03   .68590  1.4579           1.12385            1.10360   .08803

CORR CONF  POS          AREA      PT        P       TT       T      PP/P    P/PP      (P-PP)/(PT-P)          MVJ/MVINF     KINF
 737    5 5.85          .4450    1531.    231.3   555.8   323.8   .68137  1.4676            .05671             .04255   .19253
        M          Q      V        RU       P9     P9/P      M9     PP/P9   P9/PP     (P9-PP)/(PT-P9)          MVJ/MV9       K9
     1.892     579.6  1668.7 .2744+07   234.8   1.0151   1.882   .67121  1.4898            .05956             .04222   .18826
                 P16     PXL      TP    TP/TT      PP      MDOT    PP/PT   PT/PP      (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
               225.5      .0   542.6   .9763   157.6 .91333-04   .10294  9.7145           1.05671            1.05956   .02753

CORR CONF  POS          AREA      PT        P       TT       T      PP/P    P/PP      (P-PP)/(PT-P)          MVJ/MVINF     KINF
 738    5 5.85          .4450    1534.    231.9   556.5   324.4   .81242  1.2309            .03341             .02112   .11309
        M          Q      V        RU       P9     P9/P      M9     PP/P9   P9/PP     (P9-PP)/(PT-P9)          MVJ/MV9       K9
     1.892     581.1  1670.3 .2744+07   235.2   1.0142   1.883   .80102  1.2484            .03603             .02097   .10910
                 P16     PXL      TP    TP/TT      PP      MDOT    PP/PT   PT/PP      (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
               219.9      .0   542.4   .9747   188.4 .45411-04   .12282  8.1423           1.03341            1.03603   .01367

CORR CONF  POS          AREA      PT        P       TT       T      PP/P    P/PP      (P-PP)/(PT-P)          MVJ/MVINF     KINF
 739    5 5.85          .4450    1534.    231.9   557.1   324.8   .92367  1.0826            .01359             .01049   .08218
        M          Q      V        RU       P9     P9/P      M9     PP/P9   P9/PP     (P9-PP)/(PT-P9)          MVJ/MV9       K9
     1.892     581.1  1671.3 .2739+07   235.1   1.0138   1.883   .91110  1.0976            .01609             .01042   .07567
                 P16     PXL      TP    TP/TT      PP      MDOT    PP/PT   PT/PP      (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
               229.9      .0   542.4   .9736   214.2 .22550-04   .13963  7.1615           1.01359            1.01609   .00679

CORR CONF  POS          AREA      PT        P       TT       T      PP/P    P/PP      (P-PP)/(PT-P)          MVJ/MVINF     KINF
 740    5 5.85          .4450    1534.    231.9   557.5   324.9   .96335  1.0380            .00653             .00772   .08531
        M          Q      V        RU       P9     P9/P      M9     PP/P9   P9/PP     (P9-PP)/(PT-P9)          MVJ/MV9       K9
     1.892     581.1  1671.5 .2738+07   235.1   1.0138   1.883   .95023  1.0524            .00901             .00767   .07276
                 P16     PXL      TP    TP/TT      PP      MDOT    PP/PT   PT/PP      (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
               233.7      .0   542.7   .9735   223.4 .16589-04   .14563  6.8666           1.00653            1.00901   .00500
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CORR CONF POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
741 5 5.85		.4450	1553.	425.0	557.9	385.2	.58376	1.7130	.15683	.05020	.15734
M	G	V	KU	P9	P9/P	M9	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
1.497	666.7	1440.1	.3150+07	432.1	1.0167	1.485	.57417	1.7416	.16415	.04988	.15442
	P16	PXL	IP	IP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
	374.5	.0	547.6	.9815	248.1	.14363-03	.15076	6.2596	1.15683	1.16415	.04277

CORR CONF POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
742 5 5.85		.4450	1553.	424.3	558.0	385.1	.70115	1.4262	.11234	.04044	.13531
M	G	V	KU	P9	P9/P	M9	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
1.498	666.5	1440.9	.3140+07	433.4	1.0214	1.483	.68643	1.4568	.12138	.04011	.13084
	P16	PXL	IP	IP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
	389.5	.0	547.2	.9806	297.5	.11561-03	.19156	5.2202	1.11234	1.12138	.03443

CORR CONF POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
743 5 5.85		.4450	1553.	424.3	558.3	385.3	.80085	1.2487	.07486	.03098	.11808
M	G	V	KU	P9	P9/P	M9	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
1.498	666.5	1441.2	.3146+07	433.2	1.0210	1.484	.78440	1.2749	.08341	.03073	.11242
	P16	PXL	IP	IP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
	396.8	.0	546.6	.9790	339.8	.88552-04	.21980	4.5703	1.07486	1.08341	.02638

CORR CONF POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
744 5 5.85		.4450	1553.	424.3	558.9	385.8	.90408	1.1061	.03606	.01629	.08377
M	G	V	KU	P9	P9/P	M9	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
1.498	666.5	1442.2	.3140+07	433.0	1.0205	1.484	.88591	1.1268	.04411	.01616	.07609
	P16	PXL	IP	IP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
	404.8	.0	545.8	.9766	363.6	.46531-04	.24701	4.0485	1.03606	1.04411	.01387

CORR CONF POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
745 5 5.85		.4450	1553.	424.3	559.3	386.0	.93825	1.0658	.02321	.01076	.06758
M	G	V	KU	P9	P9/P	M9	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
1.498	666.5	1442.5	.3138+07	433.4	1.0214	1.483	.91855	1.0887	.03153	.01067	.05827
	P16	PXL	IP	IP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
	414.1	.0	545.7	.9757	398.1	.30718-04	.25634	3.9010	1.02321	1.03153	.00916

CORR CONF POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
747 5 5.85		.4450	1556.	726.0	557.6	448.8	.61773	1.6188	.33599	.10058	.21717
M	G	V	KU	P9	P9/P	M9	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
1.101	616.4	1143.2	.3245+07	663.6	.9108	1.175	.67822	1.4745	.23887	.10212	.24681
	P16	PXL	IP	IP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
	607.5	.0	551.3	.9887	450.2	.33627-03	.28896	3.4607	1.33599	1.23887	.09977

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CORR CONF  POS          AREA       PT         P       TT       T      PP/P     P/PP      (P-PP)/(PT-P)          MVJ/MVINF      KINF
748     5 5.85         .4450    1557.     728.6    557.6   448.9    .74341   1.3451             .22579             .07501    .17850
        M            Q      V       RU        P9     P9/P      M9    PP/P9    P9/PP   (P9-PP)/(PT-P9)             MVJ/MV9        K9
    1.101        618.4 1143.4 .3244+07    663.3    .9101   1.175    .81682   1.2243             .13595             .07620    .22050
                   P16    PXL       TP    TP/TT      PP      MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
                 653.4     .0    550.3    .9869   541.8 .25075-03   .34798   2.8738           1.22579            1.13595    .07445

CORR CONF  POS          AREA       PT         P       TT       T      PP/P     P/PP      (P-PP)/(PT-P)          MVJ/MVINF      KINF
749     5 5.85         .4450    1557.     732.1    557.7   449.6    .84142   1.1885             .14074             .04601    .12963
        M            Q      V       RU        P9     P9/P      M9    PP/P9    P9/PP   (P9-PP)/(PT-P9)             MVJ/MV9        K9
    1.097        616.7 1140.1 .3241+07    664.7    .9079   1.173    .92673   1.0791             .05458             .04673    .19938
                   P16    PXL       TP    TP/TT      PP      MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
                 681.1     .0    549.6    .9855   616.0 .15384-03   .39563   2.5276           1.14074            1.05458    .04568

CORR CONF  POS          AREA       PT         P       TT       T      PP/P     P/PP      (P-PP)/(PT-P)          MVJ/MVINF      KINF
750     5 5.85         .4450    1557.     730.1    557.7   449.2    .89303   1.1198             .09445             .03262    .10860
        M            Q      V       RU        P9     P9/P      M9    PP/P9    P9/PP   (P9-PP)/(PT-P9)             MVJ/MV9        K9
    1.099        617.3 1141.7 .3241+07    662.7    .9077   1.176    .98385   1.0164             .01196             .03313    .29231
                   P16    PXL       TP    TP/TT      PP      MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
                 693.1     .0    548.8    .9840   652.0 .10901-03   .41875   2.3880           1.09445            1.01196    .03237

CORR CONF  POS          AREA       PT         P       TT       T      PP/P     P/PP      (P-PP)/(PT-P)          MVJ/MVINF      KINF
755     5 5.85         .4450    1558.    1121.0    551.3   501.8    .89831   1.1132             .26087             .14247    .29137
        M            Q      V       RU        P9     P9/P      M9    PP/P9    P9/PP   (P9-PP)/(PT-P9)             MVJ/MV9        K9
     .702        386.7  770.8 .2754+07   1103.0    .9839    .720    .91296   1.0953             .21099             .14083    .31731
                   P16    PXL       TP    TP/TT      PP      MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
                1073.0     .0    548.6    .9951  1007.0 .44179-03   .64634   1.5472           1.26087            1.21099    .13456

CORR CONF  POS          AREA       PT         P       TT       T      PP/P     P/PP      (P-PP)/(PT-P)          MVJ/MVINF      KINF
756     5 5.85         .4450    1559.    1122.0    551.0   501.6    .95098   1.0515             .12586             .04830    .13796
        M            Q      V       RU        P9     P9/P      M9    PP/P9    P9/PP   (P9-PP)/(PT-P9)             MVJ/MV9        K9
     .702        387.0  770.6 .2758+07   1106.0    .9857    .718    .96474   1.0366             .08609             .04782    .16375
                   P16    PXL       TP    TP/TT      PP      MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
                1104.0     .0    547.8    .9942  1067.0 .14993-03   .68441   1.4611           1.12586            1.08609    .04680

CORR CONF  POS          AREA       PT         P       TT       T      PP/P     P/PP      (P-PP)/(PT-P)          MVJ/MVINF      KINF
182     8  .00         .4450    1534.     232.6    567.4   331.0    .71066   1.4071             .05171             .05240    .24270
        M            Q      V       RU        P9     P9/P      M9    PP/P9    P9/PP   (P9-PP)/(PT-P9)             MVJ/MV9        K9
    1.890        581.6 1685.4 .2674+07    224.8    .9665   1.912    .73532   1.3600             .04545             .05334    .25770
                   P16    PXL       TP    TP/TT      PP      MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
                 166.6  167.5    542.3    .9558   165.3 .11175-03   .10776   9.2801           1.05171            1.04545    .03397
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CORR CONF  POS         AREA      PT        P      TT      T       PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF     KINF
 181    8  .00        .4450    1535.    232.6   566.6  330.5    .78289  1.2773          .03877             .03248   .16475
        M           Q     V      RU       P9    P9/P     M9     PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9       K9
    1.890       581.6 1684.1 .2679+07  225.0   .9673  1.912    .80933  1.2356          .03275             .03304   .17848
                  P16   PXL      TP    TP/TT      PP   MDOT     PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                183.5 186.4   541.2    .9552   182.1 .69332-04  .11863  8.4294         1.03877            1.03275   .02105
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CORR CONF  POS         AREA      PT        P      TT      T       PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF     KINF
 183    8  .00        .4450    1535.    232.6   568.0  331.3    .88650  1.1280          .02027             .01348   .08837
        M           Q     V      RU       P9    P9/P     M9     PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9       K9
    1.890       581.6 1686.1 .2671+07  224.9   .9669  1.912    .91685  1.0907          .01427             .01371   .10486
                  P16   PXL      TP    TP/TT      PP   MDOT     PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                205.9 206.2   539.3    .9495   206.2 .28731-04  .13433  7.4442         1.02027            1.01427   .00873
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CORR CONF  POS         AREA      PT        P      TT      T       PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF     KINF
 184    8  .00        .4450    1534.    232.6   568.6  331.7    .92949  1.0759          .01260             .00506   .04102
        M           Q     V      RU       P9    P9/P     M9     PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9       K9
    1.890       581.6 1687.2 .2666+07  224.8   .9665  1.912    .96174  1.0398          .00657             .00515   .05657
                  P16   PXL      TP    TP/TT      PP   MDOT     PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                216.6 216.9   536.9    .9442   216.2 .10778-04  .14094  7.0953         1.01260            1.00657   .00328
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CORR CONF  POS         AREA      PT        P      TT      T       PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF     KINF
 185    8  .00        .4450    1548.    366.4   568.2  376.4    .71234  1.4038          .08920             .05708   .20987
        M           Q     V      RU       P9    P9/P     M9     PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9       K9
    1.596       653.3 1517.7 .2986+07  361.3   .9861  1.605    .72239  1.3843          .08452             .05744   .21500
                  P16   PXL      TP    TP/TT      PP   MDOT     PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                262.6 264.1   545.5    .9600   261.0 .15187-03  .16860  5.9310         1.08920            1.08452   .04578
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CORR CONF  POS         AREA      PT        P      TT      T       PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF     KINF
 186    8  .00        .4450    1548.    366.4   568.6  376.7    .80213  1.2467          .06136             .04544   .18879
        M           Q     V      RU       P9    P9/P     M9     PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9       K9
    1.596       653.3 1518.3 .2983+07  361.3   .9861  1.605    .81345  1.2293          .05680             .04573   .19568
                  P16   PXL      TP    TP/TT      PP   MDOT     PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                294.4 294.4   545.1    .9587   293.9 .12086-03  .18986  5.2671         1.06136            1.05680   .03645
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CORR CONF  POS         AREA      PT        P      TT      T       PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF     KINF
 187    8  .00        .4450    1548.    366.4   568.8  376.8    .90311  1.1073          .03004             .02211   .12309
        M           Q     V      RU       P9    P9/P     M9     PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9       K9
    1.596       653.3 1518.5 .2982+07  361.7   .9872  1.605    .91485  1.0931          .02596             .02224   .13208
                  P16   PXL      TP    TP/TT      PP   MDOT     PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                328.7 329.4   542.8    .9543   330.9 .58790-04  .21376  4.6762         1.03004            1.02596   .01773
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CORR CONF  POS          AREA      PT        P       TT      T      PP/P    P/PP     (P-PP)/(PT-P)         MVJ/MVINF      KINF
 188   8   .00         .4450    1549.    566.4   568.7  376.7   .95060  1.0520           .01531             .01000    .07584
       M             Q     V      RU        P9     P9/P     M9    PP/P9   P9/PP    (P9-PP)/(PT-P9)          MVJ/MV9        K9
   1.596         653.3 1518.3 .2983+07   361.7   .9872  1.605   .96295  1.0385           .01129             .01005    .08810
                   P16   PXL      TP     IP/TT     PP     MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)      KDIT
                 347.2 347.9   541.1    .9515    348.3 .26590-04  .22485  4.4473          1.01531            1.01129    .00801

CORR CONF  POS          AREA      PT        P       TT      T      PP/P    P/PP     (P-PP)/(PT-P)         MVJ/MVINF      KINF
 189   8   .00         .4450    1556.    562.3   565.1  422.5   .72435  1.3806           .15598             .09138    .26054
       M             Q     V      RU        P9     P9/P     M9    PP/P9   P9/PP    (P9-PP)/(PT-P9)          MVJ/MV9        K9
   1.299         664.2 1308.7 .3198+07   553.9   .9851  1.310   .73533  1.3599           .14629             .09178    .26771
                   P16   PXL      TP     IP/TT     PP     MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)      KDIT
                 406.2 409.8   547.2    .9683    407.3 .28663-03  .26176  3.8203          1.15598            1.14629    .08573

CORR CONF  POS          AREA      PT        P       TT      T      PP/P    P/PP     (P-PP)/(PT-P)         MVJ/MVINF      KINF
 190   8   .00         .4450    1557.    563.0   564.8  422.4   .79432  1.2589           .11650             .07242    .22725
       M             Q     V      RU        P9     P9/P     M9    PP/P9   P9/PP    (P9-PP)/(PT-P9)          MVJ/MV9        K9
   1.299         665.0 1308.6 .3203+07   555.1   .9860  1.309   .80562  1.2413           .10770             .07274    .23528
                   P16   PXL      TP     IP/TT     PP     MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)      KDIT
                 446.8 440.2   547.0    .9685    447.2 .22746-03  .28722  3.4817          1.11650            1.10770    .06797

CORR CONF  POS          AREA      PT        P       TT      T      PP/P    P/PP     (P-PP)/(PT-P)         MVJ/MVINF      KINF
 191   8   .00         .4450    1557.    563.0   564.8  422.4   .89840  1.1131           .05755             .03269    .13655
       M             Q     V      RU        P9     P9/P     M9    PP/P9   P9/PP    (P9-PP)/(PT-P9)          MVJ/MV9        K9
   1.299         665.0 1308.6 .3203+07   554.6   .9851  1.310   .91201  1.0965           .04868             .03285    .14775
                   P16   PXL      TP     IP/TT     PP     MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)      KDIT
                 501.5 506.4   545.8    .9664    505.8 .10269-03  .32486  3.0783          1.05755            1.04868    .03069

CORR CONF  POS          AREA      PT        P       TT      T      PP/P    P/PP     (P-PP)/(PT-P)         MVJ/MVINF      KINF
 192   8   .00         .4450    1557.    561.0   564.8  421.9   .94759  1.0553           .02952             .01171    .06630
       M             Q     V      RU        P9     P9/P     M9    PP/P9   P9/PP    (P9-PP)/(PT-P9)          MVJ/MV9        K9
   1.301         664.7 1309.8 .3201+07   553.1   .9859  1.312   .96113  1.0404           .02142             .01175    .07748
                   P16   PXL      TP     IP/TT     PP     MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)      KDIT
                 535.1 532.1   544.5    .9641    531.6 .36720-04  .34143  2.9289          1.02952            1.02142    .01097

CORR CONF  POS          AREA      PT        P       TT      T      PP/P    P/PP     (P-PP)/(PT-P)         MVJ/MVINF      KINF
 194   8   .00         .4450    1558.    734.9   561.4  452.9   .77453  1.2911           .20131             .13092    .32259
       M             Q     V      RU        P9     P9/P     M9    PP/P9   P9/PP    (P9-PP)/(PT-P9)          MVJ/MV9        K9
   1.094         615.7 1141.1 .3213+07   741.3  1.0087  1.087   .76784  1.3024           .21073             .13077    .31666
                   P16   PXL      TP     IP/TT     PP     MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)      KDIT
                 559.8 562.6   551.2    .9818    569.2 .43657-03  .36534  2.7372          1.20131            1.21073    .12998
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CORR CONF  POS          AREA      PT        P       TT       T      PP/P    P/PP    (P-PP)/(PT-P)                MVJ/MVINF     KINF
195   8    .00          .4450    1558.    729.4   561.0   451.7   .90252  1.1080          .08581                  .09260   .32144
      M              Q    V        RU       P9     P9/P     M9     PP/P9   P9/PP  (P9-PP)/(PT-P9)              MVJ/MV9       K9
    1.100        617.8 1145.9 .3218+07   739.1  1.0133   1.090   .89068  1.1227          .09867                  .09242   .30169
                   P16   PXL       TP    IP/TT      PP     MDOT   PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
                 634.4  633.2   550.4   .9811   658.3 .30856-03 .42253  2.3667         1.08581                 1.09867   .09183

CORR CONF  POS          AREA      PT        P       TT       T      PP/P    P/PP    (P-PP)/(PT-P)                MVJ/MVINF     KINF
196   8    .00          .4450    1559.    728.1   560.9   451.3   .92666  1.0791          .06427                  .05134   .20301
      M              Q    V        RU       P9     P9/P     M9     PP/P9   P9/PP  (P9-PP)/(PT-P9)              MVJ/MV9       K9
    1.102        618.9 1147.5 .3222+07   736.6  1.0117   1.093   .91597  1.0917          .07527                  .05126   .18865
                   P16   PXL       TP    IP/TT      PP     MDOT   PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
                 658.9  663.4   550.0   .9806   674.7 .17117-03 .43278  2.3107         1.06427                 1.07527   .05091

CORR CONF  POS          AREA      PT        P       TT       T      PP/P    P/PP    (P-PP)/(PT-P)                MVJ/MVINF     KINF
197   8    .00          .4450    1545.    915.2   559.3   481.6   .79655  1.2554          .29565                  .37146   .75393
      M              Q    V        RU       P9     P9/P     M9     PP/P9   P9/PP  (P9-PP)/(PT-P9)              MVJ/MV9       K9
     .898        516.6  965.9 .3033+07   916.3  1.0012    .897   .79559  1.2569          .29792                  .37141   .75175
                   P16   PXL       TP    IP/TT      PP     MDOT   PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
                 716.8  726.9   551.6   .9862   729.0 .12279-02 .47184  2.1193         1.29565                 1.29792   .36795

CORR CONF  POS          AREA      PT        P       TT       T      PP/P    P/PP    (P-PP)/(PT-P)                MVJ/MVINF     KINF
198   8    .00          .4450    1545.    913.9   558.9   481.0   .84320  1.1860          .22706                  .24935   .56032
      M              Q    V        RU       P9     P9/P     M9     PP/P9   P9/PP  (P9-PP)/(PT-P9)              MVJ/MV9       K9
     .900        518.2  967.5 .3040+07   913.4   .9995    .900   .84366  1.1853          .22609                  .24945   .56129
                   P16   PXL       TP    IP/TT      PP     MDOT   PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
                 764.6  770.2   551.2   .9862   770.6 .82542-03 .49877  2.0049         1.22706                 1.22609   .2472[illegible]

CORR CONF  POS          AREA      PT        P       TT       T      PP/P    P/PP    (P-PP)/(PT-P)                MVJ/MVINF     KINF
199   8    .00          .4450    1545.    912.1   558.7   480.6   .89870  1.1127          .14599                  .13205   .35754
      M              Q    V        RU       P9     P9/P     M9     PP/P9   P9/PP  (P9-PP)/(PT-P9)              MVJ/MV9       K9
     .902        519.5  969.2 .3044+07   912.9  1.0009    .901   .89791  1.1137          .14745                  .13216   .35601
                   P16   PXL       TP    IP/TT      PP     MDOT   PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
                 826.5  824.6   551.1   .9864   819.7 .43742-03 .53055  1.8848         1.14599                 1.14745   .13101

CORR CONF  POS          AREA      PT        P       TT       T      PP/P    P/PP    (P-PP)/(PT-P)                MVJ/MVINF     KINF
200   8    .00          .4450    1545.    915.2   558.5   480.9   .94712  1.0558          .07685                  .06009   .21784
      M              Q    V        RU       P9     P9/P     M9     PP/P9   P9/PP  (P9-PP)/(PT-P9)              MVJ/MV9       K9
     .898        516.6  965.2 .3038+07   914.1   .9988    .899   .94826  1.0546          .07497                  .06006   .22035
                   P16   PXL       TP    IP/TT      PP     MDOT   PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)      KDIT
                 871.5  876.4   550.2   .9851   866.8 .19879-03 .56104  1.7824         1.07685                 1.07497   .05967
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CORR CONF  POS          AREA       PT        P       TT       T      PP/P     P/PP       (P-PP)/(PT-P)          MVJ/MVINF     KINF
205    8   .00         .4450     1560.    1126.0    553.8   504.4   .95293   1.0494            .12212              .09912    .28731
       M            Q      V        RU       P9     P9/P      M9     PP/P9    P9/PP     (P9-PP)/(PT-P9)           MVJ/MV9       K9
    .699       385.1  769.5 .2737+07    1126.0   1.0000    .699   .95293   1.0494            .12212              .09919    .28731
                 P16    PXL       TP    IP/TT      PP      MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
              1072.0 1074.0    549.5    .9922   1073.0 .30662-03   .68782   1.4539           1.12212             1.12212   .09615

CORR CONF  POS          AREA       PT        P       TT       T      PP/P     P/PP       (P-PP)/(PT-P)          MVJ/MVINF     KINF
205    8   .00         .4450     1560.    1126.0    552.6   503.4   .98579   1.0144            .03687              .02952    .15289
       M            Q      V        RU       P9     P9/P      M9     PP/P9    P9/PP     (P9-PP)/(PT-P9)           MVJ/MV9       K9
    .699       385.1  768.7 .2744+07    1126.0   1.0000    .699   .98579   1.0144            .03687              .02953    .15289
                 P16    PXL       TP    IP/TT      PP      MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
              1114.0 1111.0    547.8    .9913   1110.0 .91398-04   .71154   1.4054           1.03687             1.03687   .02923

CORR CONF  POS          AREA       PT        P       TT       T      PP/P     P/PP       (P-PP)/(PT-P)          MVJ/MVINF     KINF
962    8 1.75          .4450     1534.     232.6    564.5   329.3   .78031   1.2815            .03927              .05209    .26312
       M            Q      V        RU       P9     P9/P      M9     PP/P9    P9/PP     (P9-PP)/(PT-P9)           MVJ/MV9       K9
   1.890       581.6 1681.0 .2693+07     237.8   1.0224   1.875   .76325   1.3102            .04343              .05152    .25093
                 P16    PXL       TP    IP/TT      PP      MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
               179.9  180.3    551.7    .9773    181.5 .11140-03   .11832   8.4518           1.03927             1.04343   .03378

CORR CONF  POS          AREA       PT        P       TT       T      PP/P     P/PP       (P-PP)/(PT-P)          MVJ/MVINF     KINF
963    8 1.75          .4450     1534.     232.6    564.9   329.5   .82846   1.2071            .03066              .04116    .22774
       M            Q      V        RU       P9     P9/P      M9     PP/P9    P9/PP     (P9-PP)/(PT-P9)           MVJ/MV9       K9
   1.890       581.6 1681.6 .2691+07     238.2   1.0241   1.874   .80898   1.2361            .03511              .04067    .21349
                 P16    PXL       TP    IP/TT      PP      MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
               191.6  192.6    551.8    .9768    192.7 .87990-04   .12562   7.9606           1.03066             1.03511   .02669

CORR CONF  POS          AREA       PT        P       TT       T      PP/P     P/PP       (P-PP)/(PT-P)          MVJ/MVINF     KINF
964    8 1.75          .4450     1535.     232.0    565.6   329.7   .93147   1.0736            .01220              .01639    .13483
       M            Q      V        RU       P9     P9/P      M9     PP/P9    P9/PP     (P9-PP)/(PT-P9)           MVJ/MV9       K9
   1.892       581.3 1683.8 .2684+07     237.0   1.0216   1.878   .91181   1.0967            .01610              .01621    .11770
                 P16    PXL       TP    IP/TT      PP      MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
               215.2  212.6    549.2    .9710    216.1 .34968-04   .14078   7.1032           1.01220             1.01610   .01061

CORR CONF  POS          AREA       PT        P       TT       T      PP/P     P/PP       (P-PP)/(PT-P)          MVJ/MVINF     KINF
965    8 1.75          .4450     1535.     232.0    566.1   329.9   .97371   1.0270            .00468              .00335    .04341
       M            Q      V        RU       P9     P9/P      M9     PP/P9    P9/PP     (P9-PP)/(PT-P9)           MVJ/MV9       K9
   1.892       581.3 1684.4 .2682+07     237.1   1.0220   1.878   .95276   1.0496            .00863              .00331    .03206
                 P16    PXL       TP    IP/TT      PP      MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
               223.8  221.2    548.0    .9680    225.9 .71386-05   .14717   6.7950           1.00468             1.00863   .00217
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CORR CONF  POS        AREA      PT        P      TT       T       PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF     KINF
 967    8 1.75        .4450    1554.    423.6   565.2   389.9    .70420  1.4200          .11085            .09280   .31183
          M        Q      V      RU        P9    P9/P      M9     PP/P9   P9/PP    (P9-PP)/(PT-P9)       MVJ/MV9        K9
   1.500       667.2 1451.7 .3095+07   430.0  1.0151   1.489    .69372  1.4415          .11717            .09228   .30438
                 P16    PXL      TP    TP/TT      PP     MDOT     PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
               294.6  295.6   554.6    .9812   298.3 .26358-03   .19196  5.2095         1.11085           1.11717   .07894

CORR CONF  POS        AREA      PT        P      TT       T       PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF     KINF
 968    8 1.75        .4450    1554.    424.3   565.2   390.1    .80438  1.2432          .07347            .05828   .22358
          M        Q      V      RU        P9    P9/P      M9     PP/P9   P9/PP    (P9-PP)/(PT-P9)       MVJ/MV9        K9
   1.498       666.5 1450.2 .3094+07   431.8  1.0177   1.486    .79041  1.2652          .08065            .05786   .21428
                 P16    PXL      TP    TP/TT      PP     MDOT     PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
               337.6  335.3   553.6    .9795   341.3 .16555-03   .21963  4.5532         1.07347           1.08065   .04958

CORR CONF  POS        AREA      PT        P      TT       T       PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF     KINF
 969    8 1.75        .4450    1554.    424.3   565.5   390.2    .90973  1.0992          .03390            .02438   .12884
          M        Q      V      RU        P9    P9/P      M9     PP/P9   P9/PP    (P9-PP)/(PT-P9)       MVJ/MV9        K9
   1.498       666.5 1450.4 .3093+07   432.0  1.0181   1.486    .89352  1.1192          .04100            .02421   .11764
                 P16    PXL      TP    TP/TT      PP     MDOT     PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
               379.8  379.6   550.0    .9726   386.0 .69251-04   .24839  4.0259         1.03390           1.04100   .02075

CORR CONF  POS        AREA      PT        P      TT       T       PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF     KINF
 970    8 1.75        .4450    1554.    424.3   565.9   390.5    .95404  1.0482          .01726            .00667   .04811
          M        Q      V      RU        P9    P9/P      M9     PP/P9   P9/PP    (P9-PP)/(PT-P9)       MVJ/MV9        K9
   1.498       666.5 1450.9 .3090+07   432.1  1.0184   1.486    .93682  1.0674          .02433            .00662   .04069
                 P16    PXL      TP    TP/TT      PP     MDOT     PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
               395.4  396.7   547.6    .9677   404.8 .18924-04   .26049  3.8389         1.01726           1.02433   .00507

CORR CONF  POS        AREA      PT        P      TT       T       PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF     KINF
 978    8 1.75        .4450    1559.    730.8   561.2   451.9    .75479  1.3249          .21637            .17055   .41093
          M        Q      V      RU        P9    P9/P      M9     PP/P9   P9/PP    (P9-PP)/(PT-P9)       MVJ/MV9        K9
   1.099       617.9 1145.1 .3219+07   724.4   .9912   1.106    .76146  1.3133          .20705            .17071   .41830
                 P16    PXL      TP    TP/TT      PP     MDOT     PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
               545.1  545.4   556.6    .9918   551.6 .56876-03   .35382  2.8263         1.21637           1.20705   .16919

CORR CONF  POS        AREA      PT        P      TT       T       PP/P    P/PP     (P-PP)/(PT-P)        MVJ/MVINF     KINF
 979    8 1.75        .4450    1559.    725.4   561.2   451.0    .79983  1.2503          .17418            .15251   .39661
          M        Q      V      RU        P9    P9/P      M9     PP/P9   P9/PP    (P9-PP)/(PT-P9)       MVJ/MV9        K9
   1.105       620.0 1150.2 .3221+07   722.4   .9959   1.109    .80316  1.2451          .16997            .15256   .40070
                 P16    PXL      TP    TP/TT      PP     MDOT     PP/PT   PT/PP    (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
               575.0  574.3   556.4    .9914   580.2 .50810-03   .37216  2.6870         1.17418           1.16997   .15115
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CURR CONF  POS          AREA      PT        P       TT      T      PP/P    P/PP       (P-PP)/(PT-P)            MVJ/MVINF    KINF
 980    8 1.75          .4450    1559.    726.7   560.7  450.8   .88455  1.1305             .10080              .10126   .32793
        M           Q      V       RU        P9    P9/P     M9    PP/P9   P9/PP     (P9-PP)/(PT-P9)           MVJ/MV9       K9
    1.104       620.0 1148.9 .3226+07   724.3   .9967  1.106   .88748  1.1268             .09764              .10132   .33268
                  P16    PXL      TP    IP/TT      PP     MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                638.7  633.8   556.0    .9916   642.8 .33772-03  .41232  2.4253            1.10080             1.09764   .10042

CURR CONF  POS          AREA      PT        P       TT      T      PP/P    P/PP       (P-PP)/(PT-P)            MVJ/MVINF    KINF
 981    8 1.75          .4450    1559.    729.5   560.8  451.4   .92653  1.0793             .06462              .06692   .26410
        M           Q      V       RU        P9    P9/P     M9    PP/P9   P9/PP     (P9-PP)/(PT-P9)           MVJ/MV9       K9
    1.101       619.0 1146.5 .3224+07   724.2   .9927  1.107   .93331  1.0715             .05786              .06700   .27814
                  P16    PXL      TP    IP/TT      PP     MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                671.9  673.3   555.5    .9905   675.9 .22331-03  .43355  2.3066            1.06462             1.05786   .06641

CURR CONF  POS          AREA      PT        P       TT      T      PP/P    P/PP       (P-PP)/(PT-P)            MVJ/MVINF    KINF
 983    8 1.75          .4450    1561.   1126.0   555.3  505.9   .80089  1.2486             .51540              .34003   .52637
        M           Q      V       RU        P9    P9/P     M9    PP/P9   P9/PP     (P9-PP)/(PT-P9)           MVJ/MV9       K9
     .699       385.1  770.6 .2726+07  1118.0   .9929   .707   .80662  1.2397             .48804              .33806   .53585
                  P16    PXL      TP    IP/TT      PP     MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                889.1  891.6   553.6    .9969   901.8 .10503-02  .57771  1.7310            1.51540             1.48804   .31207

CURR CONF  POS          AREA      PT        P       TT      T      PP/P    P/PP       (P-PP)/(PT-P)            MVJ/MVINF    KINF
 984    8 1.75          .4450    1561.   1126.0   554.8  505.4   .87558  1.1421             .32207              .23496   .43841
        M           Q      V       RU        P9    P9/P     M9    PP/P9   P9/PP     (P9-PP)/(PT-P9)           MVJ/MV9       K9
     .699       385.1  770.2 .2730+07  1118.0   .9929   .707   .88184  1.1340             .29819              .23361   .45136
                  P16    PXL      TP    TP/TT      PP     MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                982.8  982.2   553.2    .9971   985.9 .72610-03  .63158  1.5833            1.32207             1.29819   .21973

CURR CONF  POS          AREA      PT        P       TT      T      PP/P    P/PP       (P-PP)/(PT-P)            MVJ/MVINF    KINF
 985    8 1.75          .4450    1561.   1125.0   554.6  505.0   .92267  1.0838             .19954              .16022   .36924
        M           Q      V       RU        P9    P9/P     M9    PP/P9   P9/PP     (P9-PP)/(PT-P9)           MVJ/MV9       K9
     .700       385.9  771.0 .2734+07  1117.0   .9929   .708   .92927  1.0761             .17793              .15932   .38738
                  P16    PXL      TP    IP/TT      PP     MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
               1034.0 1035.0   552.8    .9968  1038.0 .49560-03  .66496  1.5039            1.19954             1.17793   .15284

CURR CONF  POS          AREA      PT        P       TT      T      PP/P    P/PP       (P-PP)/(PT-P)            MVJ/MVINF    KINF
 986    8 1.75          .4450    1561.   1125.0   554.4  504.9   .94667  1.0563             .13761              .11593   .31728
        M           Q      V       RU        P9    P9/P     M9    PP/P9   P9/PP     (P9-PP)/(PT-P9)           MVJ/MV9       K9
     .700       385.9  770.9 .2735+07  1117.0   .9929   .708   .95345  1.0488             .11712              .11527   .34072
                  P16    PXL      TP    IP/TT      PP     MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
               1060.0 1063.0   552.7    .9969  1065.0 .35864-03  .68225  1.4657            1.13761             1.11712   .11196
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CORR CONF  POS          AREA       PT          P        TT        T      PP/P     P/PP      (P-PP)/(PT-P)           MVJ/MVINF      KINF
987     8 1.75         .4450     1560.     1125.0     554.2    504.7    .97067   1.0302             .07586              .05956    .21685
       M           Q       V        RU         P9      P9/P       M9     PP/P9    P9/PP    (P9-PP)/(PT-P9)            MVJ/MV9        K9
    .700       385.9   770.8  .2736+07    1117.0     .9929     .708    .97762   1.0229             .05643              .05928    .24908
                 P16     PXL        TP     TP/TT        PP     MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)       KDIT
              1092.0  1093.0     552.2     .9964    1092.0 .18428-03   .70000   1.4286            1.07586             1.05643    .05840

CORR CONF  POS          AREA       PT          P        TT        T      PP/P     P/PP      (P-PP)/(PT-P)           MVJ/MVINF      KINF
657     8 5.85         .4450     1535.      232.6     555.2    323.8    .75967   1.3164             .04292              .04598    .22536
       M           Q       V        RU         P9      P9/P       M9     PP/P9    P9/PP    (P9-PP)/(PT-P9)            MVJ/MV9        K9
   1.890       581.6  1667.0  .2756+07      251.6    1.0825    1.839    .70175   1.4250             .05853              .04416    .19517
                 P16     PXL        TP     TP/TT        PP     MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)       KDIT
               172.3   171.5     545.3     .9822     176.7 .99160-04   .11511   8.6870            1.04292             1.05853    .02980

CORR CONF  POS          AREA       PT          P        TT        T      PP/P     P/PP      (P-PP)/(PT-P)           MVJ/MVINF      KINF
658     8 5.85         .4450     1535.      232.0     556.1    324.1    .82414   1.2134             .03131              .03585    .19676
       M           Q       V        RU         P9      P9/P       M9     PP/P9    P9/PP    (P9-PP)/(PT-P9)            MVJ/MV9        K9
   1.892       581.3  1669.5  .2748+07      251.1    1.0823    1.840    .76145   1.3133             .04665              .03444    .16296
                 P16     PXL        TP     TP/TT        PP     MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)       KDIT
               191.3   190.3     544.7     .9795     191.2 .77158-04   .12456   8.0282            1.03131             1.04665    .02321

CORR CONF  POS          AREA       PT          P        TT        T      PP/P     P/PP      (P-PP)/(PT-P)           MVJ/MVINF      KINF
659     8 5.85         .4450     1535.      232.0     558.2    325.3    .91466   1.0933             .01520              .01643    .12234
       M           Q       V        RU         P9      P9/P       M9     PP/P9    P9/PP    (P9-PP)/(PT-P9)            MVJ/MV9        K9
   1.892       581.3  1672.6  .2734+07      251.9    1.0858    1.838    .84240   1.1871             .03094              .01576    .08669
                 P16     PXL        TP     TP/TT        PP     MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)       KDIT
               211.5   210.5     545.3     .9769     212.2 .35293-04   .13824   7.2337            1.01520             1.03094    .01063

CORR CONF  POS          AREA       PT          P        TT        T      PP/P     P/PP      (P-PP)/(PT-P)           MVJ/MVINF      KINF
660     8 5.85         .4450     1535.      232.0     558.7    325.6    .98362   1.0167             .00292              .00930    .15195
       M           Q       V        RU         P9      P9/P       M9     PP/P9    P9/PP    (P9-PP)/(PT-P9)            MVJ/MV9        K9
   1.892       581.3  1673.3  .2731+07      252.3    1.0875    1.837    .90448   1.1056             .01879              .00891    .06053
                 P16     PXL        TP     TP/TT        PP     MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)       KDIT
               223.1   222.4     544.6     .9748     228.2 .19959-04   .14866   6.7266            1.00292             1.01879    .00602

CORR CONF  POS          AREA       PT          P        TT        T      PP/P     P/PP      (P-PP)/(PT-P)           MVJ/MVINF      KINF
663     8 5.85         .4450     1550.      367.1     562.8    372.9    .70880   1.4108             .09037              .05607    .20541
       M           Q       V        RU         P9      P9/P       M9     PP/P9    P9/PP    (P9-PP)/(PT-P9)            MVJ/MV9        K9
   1.596       654.6  1510.6  .3030+07      378.7    1.0316    1.574    .68709   1.4554             .10117              .05534    .19540
                 P16     PXL        TP     TP/TT        PP     MDOT     PP/PT    PT/PP      (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)       KDIT
               258.7   259.4     553.2     .9829     260.2 .15015-03   .16787   5.9570            1.09037             1.10117    .04499
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CORR CONF  POS        AREA     PT        P      TT      T     PP/P    P/PP    (P-PP)/(PT-P)        MVJ/MVINF    KINF
 664    8 5.85        .4450   1550.    367.1   563.0  373.0  .80223  1.2465          .06137           .04245   .17639
        M           Q     V     RU        P9    P9/P     M9   PP/P9   P9/PP  (P9-PP)/(PT-P9)        MVJ/MV9       K9
   1.596        654.6 1510.8 .3029+07  378.5  1.0311  1.575  .77807  1.2852          .07170           .04191   .16421
                  P16    PXL     TP    TP/TT     PP    MDOT   PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
                291.4  292.6  552.8   .9819  294.5 .11367-03  .19000  5.2632         1.06137          1.07170   .03407

CORR CONF  POS        AREA     PT        P      TT      T     PP/P    P/PP    (P-PP)/(PT-P)        MVJ/MVINF    KINF
 665    8 5.85        .4450   1550.    367.1   563.5  373.4  .91174  1.0968          .02739           .02093   .12144
        M           Q     V     RU        P9    P9/P     M9   PP/P9   P9/PP  (P9-PP)/(PT-P9)        MVJ/MV9       K9
   1.596        654.6 1511.6 .3024+07  379.0  1.0324  1.574  .88311  1.1324          .03783           .02065   .10399
                  P16    PXL     TP    TP/TT     PP    MDOT   PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
                332.6  328.2  550.8   .9775  334.7 .56012-04  .21594  4.6310         1.02739          1.03783   .01679

CORR CONF  POS        AREA     PT        P      TT      T     PP/P    P/PP    (P-PP)/(PT-P)        MVJ/MVINF    KINF
 666    8 5.85        .4450   1550.    367.1   563.9  373.6  .96595  1.0353          .01057           .00816   .07390
        M           Q     V     RU        P9    P9/P     M9   PP/P9   P9/PP  (P9-PP)/(PT-P9)        MVJ/MV9       K9
   1.596        654.6 1512.0 .3022+07  378.7  1.0316  1.574  .93636  1.0680          .02058           .00805   .05329
                  P16    PXL     TP    TP/TT     PP    MDOT   PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
                349.4  347.8  548.4   .9725  354.6 .21831-04  .22877  4.3711         1.01057          1.02058   .00655

CORR CONF  POS        AREA     PT        P      TT      T     PP/P    P/PP    (P-PP)/(PT-P)        MVJ/MVINF    KINF
 667    8 5.85        .4450   1550.    367.1   564.1  373.8 1.01798  .9823         -.00558           .00000   .00000
        M           Q     V     RU        P9    P9/P     M9   PP/P9   P9/PP  (P9-PP)/(PT-P9)        MVJ/MV9       K9
   1.596        654.6 1512.4 .3020+07  378.8  1.0319  1.574  .98654  1.0136          .00435           .00000   .00000
                  P16    PXL     TP    TP/TT     PP    MDOT   PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
                366.3  366.9  545.6   .9672  373.7 .00000     .24110  4.1477          .99442          1.00435   .00000

CORR CONF  POS        AREA     PT        P      TT      T     PP/P    P/PP    (P-PP)/(PT-P)        MVJ/MVINF    KINF
 669    8 5.85        .4450   1558.    564.3   562.7  421.0  .66170  1.5112          .19211           .08421   .22735
        M           Q     V     RU        P9    P9/P     M9   PP/P9   P9/PP  (P9-PP)/(PT-P9)        MVJ/MV9       K9
   1.297        664.5 1304.4 .3219+07  519.7   .9210  1.357  .71849  1.3918          .14090           .08635   .25863
                  P16    PXL     TP    TP/TT     PP    MDOT   PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
                360.8  371.8  556.2   .9884  373.4 .26514-03  .23967  4.1725         1.19211          1.14090   .07903

CORR CONF  POS        AREA     PT        P      TT      T     PP/P    P/PP    (P-PP)/(PT-P)        MVJ/MVINF    KINF
 670    8 5.85        .4450   1557.    564.9   563.1  421.5  .70207  1.4244          .16964           .07075   .19681
        M           Q     V     RU        P9    P9/P     M9   PP/P9   P9/PP  (P9-PP)/(PT-P9)        MVJ/MV9       K9
   1.296        664.2 1304.1 .3215+07  519.8   .9202  1.357  .76299  1.3106          .11878           .07258   .22912
                  P16    PXL     TP    TP/TT     PP    MDOT   PP/PT   PT/PP   (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)    KDIT
                394.5  395.9  555.7   .9869  396.6 .22270-03  .25472  3.9259         1.16964          1.11878   .06644
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CORR CONF  POS          AREA      PT         P      TT      T        PP/P     P/PP       (P-PP)/(PT-P)            MVJ/MVINF      KINF
 671    8 5.85          .4450   1558.     564.3   563.2  421.4     .80542   1.2416             .11050                .03817    .12201
        M            Q      V       RU        P9    P9/P     M9     PP/P9    P9/PP      (P9-PP)/(PT-P9)             MVJ/MV9        K9
    1.297        664.5 1305.0 .3215+07    519.8   .9211  1.357     .87437   1.1437             .06290                .03914    .15766
                   P16    PXL      TP    IP/TT      PP    MDOT      PP/PT    PT/PP       (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
                 453.2  445.5   554.2    .9840   454.5 .12013-03   .29172   3.4279            1.11050              1.06290    .03582

CORR CONF  POS          AREA      PT         P      TT      T        PP/P     P/PP       (P-PP)/(PT-P)            MVJ/MVINF      KINF
 672    8 5.85          .4450   1558.     564.9   563.2  421.5     .90352   1.1068             .05488                .00863    .03679
        M            Q      V       RU        P9    P9/P     M9     PP/P9    P9/PP      (P9-PP)/(PT-P9)             MVJ/MV9        K9
    1.296        664.2 1304.1 .3215+07    520.1   .9207  1.357     .98135   1.0190             .00935                .00885    .08693
                   P16    PXL      TP    IP/TT      PP    MDOT      PP/PT    PT/PP       (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
                 496.8  492.3   549.7    .9760   510.4 .27172-04   .32760   3.0525            1.05488              1.00935    .00810

CORR CONF  POS          AREA      PT         P      TT      T        PP/P     P/PP       (P-PP)/(PT-P)            MVJ/MVINF      KINF
 674    8 5.85          .4450   1558.     564.9   563.6  421.8     .93539   1.0691             .03675                .00311    .01588
        M            Q      V       RU        P9    P9/P     M9     PP/P9    P9/PP      (P9-PP)/(PT-P9)             MVJ/MV9        K9
    1.296        664.2 1304.6 .3212+07    520.3   .9210  1.356    1.01557    .9847            -.00781                .00318    .00000
                   P16    PXL      TP    IP/TT      PP    MDOT      PP/PT    PT/PP       (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
                 520.9  517.5   548.2    .9727   528.4 .97750-05   .33915   2.9485            1.03675               .99219    .00292

CORR CONF  POS          AREA      PT         P      TT      T        PP/P     P/PP       (P-PP)/(PT-P)            MVJ/MVINF      KINF
 676    8 5.85          .4450   1558.     726.0   562.8  452.5     .70923   1.4100             .25373                .12933    .29766
        M            Q      V       RU        P9    P9/P     M9     PP/P9    P9/PP      (P9-PP)/(PT-P9)             MVJ/MV9        K9
    1.104        619.4 1151.1 .3207+07    662.3   .9123  1.177     .77744   1.2863             .16456                .13129    .35468
                   P16    PXL      TP    IP/TT      PP    MDOT      PP/PT    PT/PP       (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
                 505.5  504.2   557.9    .9913   514.9 .43013-03   .33049   3.0258            1.25373              1.16456    .12822

CORR CONF  POS          AREA      PT         P      TT      T        PP/P     P/PP       (P-PP)/(PT-P)            MVJ/MVINF      KINF
 677    8 5.85          .4450   1558.     722.7   562.8  451.9     .73737   1.3562             .22722                .11102    .26431
        M            Q      V       RU        P9    P9/P     M9     PP/P9    P9/PP      (P9-PP)/(PT-P9)             MVJ/MV9        K9
    1.108        621.1 1154.5 .3210+07    660.9   .9145  1.178     .80632   1.2402             .14268                .11271    .32055
                   P16    PXL      TP    IP/TT      PP    MDOT      PP/PT    PT/PP       (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
                 519.2  530.2   556.9    .9895   532.9 .36912-03   .34204   2.9236            1.22722              1.14268    .11003

CORR CONF  POS          AREA      PT         P      TT      T        PP/P     P/PP       (P-PP)/(PT-P)            MVJ/MVINF      KINF
 679    8 5.85          .4450   1558.     724.7   562.4  452.0     .84780   1.1795             .13237                .06948    .20076
        M            Q      V       RU        P9    P9/P     M9     PP/P9    P9/PP      (P9-PP)/(PT-P9)             MVJ/MV9        K9
    1.105        619.4 1151.5 .3209+07    661.9   .9133  1.177     .92824   1.0773             .05301                .07049    .30481
                   P16    PXL      TP    IP/TT      PP    MDOT      PP/PT    PT/PP       (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)      KDIT
                 615.2  608.5   555.9    .9884   614.4 .23101-03   .39435   2.5358            1.13237              1.05301    .06884
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CORR CONF  POS           AREA       PT          P       TT       T      PP/P     P/PP     (P-PP)/(PT-P)                  MVJ/MVINF     KINF
 680     8 5.85          .4450    1557.      725.4    562.4   452.1   .89109   1.1222          .09500                     .04523     .15023
     M              Q       V        RU         P9     P9/P      M9    PP/P9    P9/PP   (P9-PP)/(PT-P9)                  MVJ/MV9       K9
   1.104        618.9  1150.6  .3208+07     660.6    .9107   1.178   .97850   1.0220          .01584                     .04593     .35307
                  P16     PXL       TP     IP/TT       PP      MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                625.7   627.5    555.2     .9872    646.4 .15036-03   .41516   2.4087         1.09500             1.01584     .04483

CORR CONF  POS           AREA       PT          P       TT       T      PP/P     P/PP     (P-PP)/(PT-P)                  MVJ/MVINF     KINF
 681     8 5.85          .4450    1544.      913.3    560.0   482.0   .73875   1.3536          .37831                     .33386     .62461
     M              Q       V        RU         P9     P9/P      M9    PP/P9    P9/PP   (P9-PP)/(PT-P9)                  MVJ/MV9       K9
    .900        517.8   968.5  .3030+07     899.4    .9848    .914   .75017   1.3330          .34859                     .33321     .64318
                  P16     PXL       TP     IP/TT       PP      MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                665.0   663.0       .0     .0000    674.7 .11033-02   .43698   2.2884         1.37831             1.34859     .33105

CORR CONF  POS           AREA       PT          P       TT       T      PP/P     P/PP     (P-PP)/(PT-P)                  MVJ/MVINF     KINF
 682     8 5.85          .4450    1545.      911.5    559.9   481.5   .78782   1.2693          .30529                     .18376     .36929
     M              Q       V        RU         P9     P9/P      M9    PP/P9    P9/PP   (P9-PP)/(PT-P9)                  MVJ/MV9       K9
    .902        519.1   970.1  .3035+07     899.1    .9864    .915   .79869   1.2521          .28023                     .18338     .38150
                  P16     PXL       TP     IP/TT       PP      MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                709.6   694.8       .0     .0000    718.1 .60774-03   .46479   2.1515         1.30529             1.28023     .18221

CORR CONF  POS           AREA       PT          P       TT       T      PP/P     P/PP     (P-PP)/(PT-P)                  MVJ/MVINF     KINF
 683     8 5.85          .4450    1546.      914.0    559.7   481.7   .88162   1.1343          .17120                     .07282     .18383
     M              Q       V        RU         P9     P9/P      M9    PP/P9    P9/PP   (P9-PP)/(PT-P9)                  MVJ/MV9       K9
    .900        518.2   968.2  .3035+07     899.8    .9845    .914   .89553   1.1167          .14547                     .07263     .19710
                  P16     PXL       TP     IP/TT       PP      MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                803.6   799.8       .0     .0000    805.8 .24090-03   .52122   1.9186         1.17120             1.14547     .07217

CORR CONF  POS           AREA       PT          P       TT       T      PP/P     P/PP     (P-PP)/(PT-P)                  MVJ/MVINF     KINF
 684     8 5.85          .4450    1545.      913.3    559.6   481.6   .93671   1.0676          .09150                     .01990     .06651
     M              Q       V        RU         P9     P9/P      M9    PP/P9    P9/PP   (P9-PP)/(PT-P9)                  MVJ/MV9       K9
    .900        517.8   968.1  .3033+07     899.9    .9853    .914   .95066   1.0519          .06883                     .01985     .07584
                  P16     PXL       TP     IP/TT       PP      MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                859.4   852.6       .0     .0000    855.5 .65796-04   .55372   1.8060         1.09150             1.06883     .01975

CORR CONF  POS           AREA       PT          P       TT       T      PP/P     P/PP     (P-PP)/(PT-P)                  MVJ/MVINF     KINF
 690     8 5.85          .4450    1559.     1127.0    553.7   504.7   .89530   1.1169          .27315                     .22952     .45981
     M              Q       V        RU         P9     P9/P      M9    PP/P9    P9/PP   (P9-PP)/(PT-P9)                  MVJ/MV9       K9
    .697        383.3   767.5  .2729+07    1110.0    .9849    .714   .90901   1.1001          .22494                     .22703     .49670
                  P16     PXL       TP     IP/TT       PP      MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
               1004.0  1003.0       .0     .0000   1009.0 .70837-03   .64721   1.5451         1.27315             1.22494     .21619
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CORR CONF  POS          AREA      PT        P      TT       T      PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF    KINF
691    8  5.85          .4450   1560.   1124.0   553.2   503.7   .95996  1.0417            .10321             .04388  .13778
       M            Q       V      RU       P9    P9/P      M9    PP/P9   P9/PP   (P9-PP)/(PT-P9)           MVJ/MV9      K9
    .701        386.6   771.1 .2744+07  1109.0   .9867    .716   .97295  1.0278            .06652             .04349  .16866
                  P16     PXL      TP    TP/TT      PP    MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
               1072.0  1070.0      .0    .0000  1079.0 .13598-03 .69167  1.4458           1.10321            1.06652  .04275

CORR CONF  POS          AREA      PT        P      TT       T      PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF    KINF
235    9   .00          .1719   1534.    231.3   561.8   327.2   .68742  1.4547            .05550             .08685  .39513
       M            Q       V      RU       P9    P9/P      M9    PP/P9   P9/PP   (P9-PP)/(PT-P9)           MVJ/MV9      K9
   1.893        580.2  1678.3 .2706+07   223.7   .9671   1.915   .71077  1.4069            .04938             .08835  .41700
                  P16     PXL      TP    TP/TT      PP    MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                159.0      .0   544.6    .9694   159.0 .71682-04 .10365  9.6478           1.05550            1.04938  .05613

CORR CONF  POS          AREA      PT        P      TT       T      PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF    KINF
236    9   .00          .1719   1534.    231.9   562.5   327.9   .80207  1.2468            .03525             .05237  .27493
       M            Q       V      RU       P9    P9/P      M9    PP/P9   P9/PP   (P9-PP)/(PT-P9)           MVJ/MV9      K9
   1.892        581.1  1679.2 .2703+07   224.1   .9664   1.914   .82999  1.2048            .02909             .05331  .30131
                  P16     PXL      TP    TP/TT      PP    MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                187.1      .0   543.9    .9669   186.0 .43268-04 .12125  8.2473           1.03525            1.02909  .03390

CORR CONF  POS          AREA      PT        P      TT       T      PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF    KINF
237    9   .00          .1719   1534.    232.6   563.0   328.4   .88779  1.1264            .02006             .02944  .19402
       M            Q       V      RU       P9    P9/P      M9    PP/P9   P9/PP   (P9-PP)/(PT-P9)           MVJ/MV9      K9
   1.890        581.6  1678.8 .2703+07   225.2   .9682   1.911   .91696  1.0906            .01429             .02995  .22893
                  P16     PXL      TP    TP/TT      PP    MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                205.6      .0   543.2    .9648   206.5 .24355-04 .13462  7.4286           1.02006            1.01429  .01909

CORR CONF  POS          AREA      PT        P      TT       T      PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF    KINF
238    9   .00          .1719   1533.    231.9   564.0   328.8   .93532  1.0692            .01153             .00274  .02317
       M            Q       V      RU       P9    P9/P      M9    PP/P9   P9/PP   (P9-PP)/(PT-P9)           MVJ/MV9      K9
   1.891        580.5  1680.7 .2692+07   224.1   .9664   1.913   .96787  1.0332            .00550             .00279  .03340
                  P16     PXL      TP    TP/TT      PP    MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                219.7      .0   541.5    .9601   216.9 .22620-05 .14149  7.0678           1.01153            1.00550  .00178

CORR CONF  POS          AREA      PT        P      TT       T      PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF    KINF
239    9   .00          .1719   1553.    423.6   562.2   387.8   .57342  1.7439            .16000             .12101  .37912
       M            Q       V      RU       P9    P9/P      M9    PP/P9   P9/PP   (P9-PP)/(PT-P9)           MVJ/MV9      K9
   1.499        666.3  1446.9 .3115+07   423.4   .9995   1.499   .57369  1.7431            .15979             .12104  .37932
                  P16     PXL      TP    TP/TT      PP    MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                235.7      .0   546.9    .9728   242.9 .13305-03 .15641  6.3936           1.16000            1.15979  .10294
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CORR CONF  POS        AREA      PT        P      TT       T      PP/P    P/PP      (P-PP)/(PT-P)          MVJ/MVINF     KINF
240    9   .00       .1719    1553.    423.6   562.2   387.8   .69429  1.4403            .11466              .10943   .36429
       M            Q     V      RU       P9    P9/P      M9    PP/P9   P9/PP     (P9-PP)/(PT-P9)           MVJ/MV9       K9
   1.499      666.3 1446.9 .3115+07    423.6  1.0000   1.499   .69429  1.4403            .11466              .10943   .36429
                P16    PXL      TP   TP/TT      PP    MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
              291.5     .0   546.6   .9723   294.1 .12031-03   .18938  5.2805           1.11466             1.11466   .09309

CORR CONF  POS        AREA      PT        P      TT       T      PP/P    P/PP      (P-PP)/(PT-P)          MVJ/MVINF     KINF
241    9   .00       .1719    1554.    423.6   562.4   388.0   .79887  1.2518            .07537              .09322   .35454
       M            Q     V      RU       P9    P9/P      M9    PP/P9   P9/PP     (P9-PP)/(PT-P9)           MVJ/MV9       K9
   1.500      667.2 1448.2 .3115+07    423.3   .9993   1.500   .79943  1.2509            .07509              .09326   .35516
                P16    PXL      TP   TP/TT      PP    MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
              339.3     .0   546.2   .9712   338.4 .10253-03   .21776  4.5922           1.07537             1.07509   .07929

CORR CONF  POS        AREA      PT        P      TT       T      PP/P    P/PP      (P-PP)/(PT-P)          MVJ/MVINF     KINF
242    9   .00       .1719    1554.    424.3   562.4   388.1   .89677  1.1151            .03877              .05252   .26153
       M            Q     V      RU       P9    P9/P      M9    PP/P9   P9/PP     (P9-PP)/(PT-P9)           MVJ/MV9       K9
   1.498      666.5 1446.5 .3115+07    423.4   .9979   1.500   .89868  1.1127            .03794              .05256   .26424
                P16    PXL      TP   TP/TT      PP    MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
              385.8     .0   545.5   .9700   380.5 .57782-04   .24485  4.0841           1.03877             1.03794   .04469

CORR CONF  POS        AREA      PT        P      TT       T      PP/P    P/PP      (P-PP)/(PT-P)          MVJ/MVINF     KINF
243    9   .00       .1719    1554.    423.6   562.9   388.2   .94830  1.0545            .01937              .02144   .14664
       M            Q     V      RU       P9    P9/P      M9    PP/P9   P9/PP     (P9-PP)/(PT-P9)           MVJ/MV9       K9
   1.500      667.2 1448.6 .3113+07    423.3   .9993   1.500   .94897  1.0538            .01910              .02146   .14766
                P16    PXL      TP   TP/TT      PP    MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
              404.9     .0   544.7   .9677   401.7 .23580-04   .25849  3.8686           1.01937             1.01910   .01824

CORR CONF  POS        AREA      PT        P      TT       T      PP/P    P/PP      (P-PP)/(PT-P)          MVJ/MVINF     KINF
245    9   .00       .1719    1558.    728.8   559.5   450.3   .56668  1.7646            .38085              .21834   .46454
       M            Q     V      RU       P9    P9/P      M9    PP/P9   P9/PP     (P9-PP)/(PT-P9)           MVJ/MV9       K9
   1.101      618.4 1145.1 .3231+07    737.9  1.0125   1.091   .55970  1.7867            .39617              .21802   .45831
                P16    PXL      TP   TP/TT      PP    MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
              387.7     .0   549.7   .9825   413.0 .28151-03   .26508  3.7724           1.38085             1.39617   .21659

CORR CONF  POS        AREA      PT        P      TT       T      PP/P    P/PP      (P-PP)/(PT-P)          MVJ/MVINF     KINF
246    9   .00       .1719    1558.    729.4   558.7   449.8   .67672  1.4777            .28458              .22078   .49239
       M            Q     V      RU       P9    P9/P      M9    PP/P9   P9/PP     (P9-PP)/(PT-P9)           MVJ/MV9       K9
   1.100      617.8 1143.5 .3236+07    737.6  1.0112   1.091   .66920  1.4943            .29742              .22042   .48432
                P16    PXL      TP   TP/TT      PP    MDOT    PP/PT   PT/PP     (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
              484.3     .0   549.3   .9832   493.6 .28479-03   .31682  3.1564           1.28458             1.29742   .21897
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CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
247	9	.00		.1719	1559.	720.1	558.4	449.3	.78451	1.2747	.18883	.18024	.45502
	M		Q	V	RH	P9	P9/P	MQ	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	1.102		618.9	1144.9	.3240+07	732.7	1.0063	1.097	.77958	1.2827	.19545	.18004	.44862
			P16	PXL	TP	TP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			575.7	.0	549.0	.9832	571.2	.23264-03	.36639	2.7293	1.18883	1.19545	.17870
CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
248	9	.00		.1719	1556.	727.4	558.0	448.9	.88644	1.1281	.09945	.12027	.39147
	M		Q	V	RH	P9	P9/P	MQ	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	1.102		618.4	1144.4	.3241+07	737.1	1.0133	1.092	.87478	1.1431	.11244	.12002	.37053
			P16	PXL	TP	TP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			644.4	.0	548.3	.9826	644.8	.15516-03	.41366	2.4163	1.09945	1.11244	.11922
CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
249	9	.00		.1719	1550.	727.4	557.7	448.6	.93814	1.0659	.05418	.07709	.32972
	M		Q	V	RH	P9	P9/P	MQ	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	1.102		618.4	1144.0	.3244+07	736.9	1.0131	1.092	.92604	1.0799	.06637	.07693	.29976
			P16	PXL	TP	TP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			685.6	.0	547.7	.9821	682.4	.99476-04	.43800	2.2831	1.05418	1.06637	.07641
CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
251	9	.00		.1719	1560.	1124.0	552.0	502.7	.54582	1.8321	1.17087	.40820	.51849
	M		Q	V	RH	P9	P9/P	MQ	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	.701		386.6	770.4	.2751+07	1126.0	1.0018	.699	.54485	1.8354	1.18088	.40893	.51754
			P16	PXL	TP	TP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			549.6	.0	548.3	.9933	613.5	.48913-03	.39327	2.5428	2.17087	2.18088	.37333
CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
252	9	.00		.1719	1560.	1127.0	551.7	502.8	.59388	1.6838	1.05704	.42825	.54628
	M		Q	V	RH	P9	P9/P	MQ	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	.698		384.4	767.1	.2746+07	1126.0	.9991	.699	.59440	1.6824	1.05230	.42816	.54685
			P16	PXL	TP	TP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			625.3	.0	548.2	.9937	669.3	.51227-03	.42904	2.3308	2.05704	2.05230	.39089
CORR	CONF	POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
253	9	.00		.1719	1560.	1125.0	551.3	502.1	.69520	1.4384	.78828	.49130	.66522
	M		Q	V	RH	P9	P9/P	MQ	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	.700		385.9	766.8	.2754+07	1125.0	1.0000	.700	.69520	1.4384	.78828	.49157	.66522
			P16	PXL	TP	TP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			762.2	.0	548.0	.9940	762.1	.58874-03	.50135	1.9946	1.78828	1.78828	.44907

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CORR CONF  POS          AREA      PT       P      TT      T       PP/P    P/PP    (P-PP)/(PT-P)       MVJ/MVINF    KINF
254    9   .00         .1719    1560.   1122.0  551.0  501.4    .79554  1.2570          .52374           .40596  .62635
       M            Q      V      RE      P9    P9/P     M9     PP/P9   P9/PP  (P9-PP)/(PT-P9)         MVJ/MV9      K9
    .703        388.2  771.6 .2763+07  1124.0  1.0018   .701    .79413  1.2592          .53073           .40673  .62369
                  P16    PXL     TP    IP/TT     PP     MDOT    PP/PT   PT/PP  (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
                684.8     .0  547.8    .9942  892.6 .48759-03   .57218  1.7477         1.52374          1.53073  .37341

CORR CONF  POS          AREA      PT       P      TT      T       PP/P    P/PP    (P-PP)/(PT-P)       MVJ/MVINF    KINF
255    9   .00         .1719    1560.   1124.0  550.9  501.7    .90214  1.1085          .25229           .23713  .49239
       M            Q      V      RE      P9    P9/P     M9     PP/P9   P9/PP  (P9-PP)/(PT-P9)         MVJ/MV9      K9
    .701        386.6  769.6 .2758+07  1126.0  1.0018   .690    .90053  1.1105          .25806           .23755  .48801
                  P16    PXL     TP    IP/TT     PP     MDOT    PP/PT   PT/PP  (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
               1010.0     .0  547.3    .9935 1014.0 .28443-03   .65000  1.5385         1.25229          1.25806  .22436

CORR CONF  POS          AREA      PT       P      TT      T       PP/P    P/PP    (P-PP)/(PT-P)       MVJ/MVINF    KINF
256    9   .00         .1719    1560.   1125.0  550.7  501.6    .94667  1.0563          .13793           .14095  .38572
       M            Q      V      RE      P9    P9/P     M9     PP/P9   P9/PP  (P9-PP)/(PT-P9)         MVJ/MV9      K9
    .700        385.9  768.4 .2758+07  1125.0  1.0000   .700    .94667  1.0563          .13793           .14102  .38572
                  P16    PXL     TP    IP/TT     PP     MDOT    PP/PT   PT/PP  (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
               1069.0     .0  547.2    .9936 1065.0 .16899-03   .68269  1.4648         1.13793          1.13793  .13624

CORR CONF  POS          AREA      PT       P      TT      T       PP/P    P/PP    (P-PP)/(PT-P)       MVJ/MVINF    KINF
1013   9  1.75         .1719    1533.    231.3  568.4  331.1    .77173  1.2958          .04056           .10571  .52819
       M            Q      V      RE      P9    P9/P     M9     PP/P9   P9/PP  (P9-PP)/(PT-P9)         MVJ/MV9      K9
   1.893        530.2 1666.3 .2662+07   237.5  1.0268  1.876    .75158  1.3305          .04554           .10429  .50028
                  P16    PXL     TP    IP/TT     PP     MDOT    PP/PT   PT/PP  (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
                179.6     .0  556.0    .9782  178.5 .86735-04   .11644  8.5882         1.04056          1.04554  .06836

CORR CONF  POS          AREA      PT       P      TT      T       PP/P    P/PP    (P-PP)/(PT-P)       MVJ/MVINF    KINF
1014   9  1.75         .1719    1533.    231.9  568.7  331.6    .84131  1.1886          .02828           .08968  .51200
       M            Q      V      RE      P9    P9/P     M9     PP/P9   P9/PP  (P9-PP)/(PT-P9)         MVJ/MV9      K9
   1.891        580.5 1687.8 .2661+07   238.7  1.0293  1.873    .81734  1.2235          .03369           .08835  .47096
                  P16    PXL     TP    IP/TT     PP     MDOT    PP/PT   PT/PP  (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
                195.0     .0  555.7    .9771  195.1 .73641-04   .12727  7.8575         1.02828          1.03369  .05806

CORR CONF  POS          AREA      PT       P      TT      T       PP/P    P/PP    (P-PP)/(PT-P)       MVJ/MVINF    KINF
1015   9  1.75         .1719    1533.    231.9  568.5  331.4    .94049  1.0633          .01061           .02779  .24394
       M            Q      V      RE      P9    P9/P     M9     PP/P9   P9/PP  (P9-PP)/(PT-P9)         MVJ/MV9      K9
   1.891        580.5 1687.3 .2663+07   237.4  1.0237  1.876    .91870  1.0885          .01490           .02745  .20646
                  P16    PXL     TP    IP/TT     PP     MDOT    PP/PT   PT/PP  (PT-PP)/(PT-P)  (PT-PP)/(PT-P9)     KDIT
                217.5     .0  554.1    .9747  218.1 .22823-04   .14227  7.0289         1.01061          1.01490  .01799
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CORR CONF POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
1016 9 1.75		.1719	1533.	231.9	568.7	331.5	.97671	1.0238	.00415	.00895	.12315
M	Q	V	RU	P9	P9/P	M9	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
1.691	580.5	1687.5	.2662+07	238.4	1.0280	1.873	.95008	1.0525	.00919	.00883	.08304
	P16	PXL	TP	TP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
	223.3	.0	553.2	.9727	226.5	.73540-05	.14775	6.7682	1.00415	1.00919	.00580

CORR CONF POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
1018 9 1.75		.1719	1553.	423.6	567.4	391.4	.61331	1.6305	.14503	.19126	.60626
M	Q	V	RU	P9	P9/P	M9	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
1.499	666.3	1453.6	.3077+07	430.4	1.0161	1.488	.60362	1.6567	.15197	.19007	.59458
	P16	PXL	TP	TP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
	247.6	.0	558.8	.9848	259.8	.20931-03	.16729	5.9777	1.14503	1.15197	.16270

CORR CONF POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
1019 9 1.75		.1719	1553.	423.6	567.5	391.5	.71010	1.4082	.10873	.16841	.56864
M	Q	V	RU	P9	P9/P	M9	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
1.499	666.3	1453.8	.3076+07	431.2	1.0179	1.487	.69759	1.4335	.11624	.16723	.55230
	P16	PXL	TP	TP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
	295.7	.0	558.4	.9840	300.8	.18428-03	.19369	5.1629	1.10873	1.11624	.14326

CORR CONF POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
1020 9 1.75		.1719	1553.	424.3	567.6	391.7	.79731	1.2542	.07619	.13309	.50403
M	Q	V	RU	P9	P9/P	M9	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
1.498	666.5	1453.2	.3077+07	431.1	1.0160	1.487	.78474	1.2743	.08272	.13228	.48556
	P16	PXL	TP	TP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
	337.3	.0	558.1	.9833	338.3	.14574-03	.21784	4.5906	1.07619	1.08272	.11330

CORR CONF POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
1021 9 1.75		.1719	1553.	423.6	567.5	391.5	.89920	1.1121	.03781	.06574	.33102
M	Q	V	RU	P9	P9/P	M9	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
1.499	666.3	1453.8	.3076+07	429.9	1.0149	1.489	.88602	1.1286	.04363	.06535	.30919
	P16	PXL	TP	TP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
	382.3	.0	556.8	.9811	380.9	.71932-04	.24527	4.0772	1.03781	1.04363	.05592

CORR CONF POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
1022 9 1.75		.1719	1553.	424.3	567.9	392.0	.95121	1.0513	.01834	.00728	.05105
M	Q	V	RU	P9	P9/P	M9	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
1.498	666.5	1453.7	.3074+07	430.8	1.0153	1.487	.93686	1.0674	.02424	.00723	.04456
	P16	PXL	TP	TP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
	399.2	.0	555.0	.9773	403.6	.79645-05	.25988	3.8479	1.01834	1.02424	.00619

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CORR CONF  POS          AREA      FT        P      TT      T      PP/P    P/PP    (P-PP)/(PT-P)          MVJ/MVINF    KINF
1025    9 1.75         .1719     1557.    730.6   562.9  453.5  .58634  1.7055         .36589             .32546    .69314
     M             Q       V      RU       P9     P9/P     M9     PP/P9   P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9      K9
   1.098        616.7  1146.1 .3201+07   723.3   .9897  1.107   .59242  1.6880         .35360             .32581    .70150
                 P16     PXL      TP     TP/TT     PP     MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)   KDTT
                395.5     .0    559.4   .9938   428.5 .41614-03 .27521  3.6336        1.36589            1.35360    .32291
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CORR CONF  POS          AREA      FT        P      TT      T      PP/P    P/PP    (P-PP)/(PT-P)          MVJ/MVINF    KINF
1026    9 1.75         .1719     1556.    732.8   562.6  453.6  .67631  1.4786         .28745             .29998    .66591
     M             Q       V      RU       P9     P9/P     M9     PP/P9   P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9      K9
   1.096        616.2  1144.1 .3213+07   722.3   .9857  1.108   .68614  1.4574         .27127             .30035    .68066
                 P16     PXL      TP     TP/TT     PP     MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)   KDTT
                475.2     .0    559.0   .9936   495.6 .38572-03 .31810  3.1437        1.28745            1.27127    .29760
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CORR CONF  POS          AREA      FT        P      TT      T      PP/P    P/PP    (P-PP)/(PT-P)          MVJ/MVINF    KINF
1027    9 1.75         .1719     1557.    727.4   562.4  452.5  .78018  1.2818         .19274             .26010    .65209
     M             Q       V      RU       P9     P9/P     M9     PP/P9   P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9      K9
   1.102        618.4  1149.0 .3207+07   723.3   .9944  1.107   .78460  1.2745         .18688             .26028    .66044
                 P16     PXL      TP     TP/TT     PP     MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)   KDTT
                553.6     .0    558.6   .9932   567.5 .33419-03 .36448  2.7436        1.19274            1.18688    .25796
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CORR CONF  POS          AREA      FT        P      TT      T      PP/P    P/PP    (P-PP)/(PT-P)          MVJ/MVINF    KINF
1028    9 1.75         .1719     1556.    726.1   562.2  452.4  .88738  1.1269         .09881             .18760    .61271
     M             Q       V      RU       P9     P9/P     M9     PP/P9   P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9      K9
   1.102        618.9  1146.9 .3211+07   723.6   .9938  1.107   .89290  1.1200         .09288             .18779    .63009
                 P16     PXL      TP     TP/TT     PP     MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)   KDTT
                642.2     .0    557.9   .9924   646.1 .24130-03 .41470  2.4114        1.09881            1.09288    .18611
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CORR CONF  POS          AREA      FT        P      TT      T      PP/P    P/PP    (P-PP)/(PT-P)          MVJ/MVINF    KINF
1029    9 1.75         .1719     1556.    725.4   561.9  451.7  .93245  1.0724         .05885             .14250    .58701
     M             Q       V      RU       P9     P9/P     M9     PP/P9   P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9      K9
   1.105        620.0  1151.1 .3215+07   722.3   .9957  1.108   .93645  1.0679         .05492             .14261    .60641
                 P16     PXL      TP     TP/TT     PP     MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)   KDTT
                675.1     .0    557.4   .9920   676.4 .18326-03 .43415  2.3034        1.05885            1.05492    .14130
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CORR CONF  POS          AREA      FT        P      TT      T      PP/P    P/PP    (P-PP)/(PT-P)          MVJ/MVINF    KINF
1032    9 1.75         .1719     1560.   1123.0   555.8  506.0  .55485  1.8023        1.14394             .55927    .71213
     M             Q       V      RU       P9     P9/P     M9     PP/P9   P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9      K9
    .702        547.4   774.0 .2730+07  1115.0   .9929   .710   .55863  1.7894        1.10539             .55667    .71760
                 P16     PXL      TP     TP/TT     PP     MDOT    PP/PT   PT/PP   (PT-PP)/(PT-P)    (PT-PP)/(PT-P9)   KDTT
                552.3     .0    555.0   .9966   623.1 .66831-03 .39942  2.5036        2.14394            2.10539    .51185
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CORR	CONF	POS		AREA	FT	F	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
1033	9	1.75		.1719	1560.	1124.0	555.2	505.5	.59680	1.6756	1.03945	.54549	.69978
	M		Q	V	RE	P9	P9/P	MQ	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	.701		386.6	772.5	.2732+07	1116.0	.9929	.709	.60108	1.6637	1.00270	.54299	.70576
			P16	PXL	IP	IP/TT	FP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			613.1	.0	554.3	.9984	670.8	.65182-03	.43000	2.3256	2.03945	2.00270	.49895

CORR	CONF	POS		AREA	FT	F	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
1034	9	1.75		.1719	1560.	1123.0	554.8	505.1	.69635	1.4361	.78032	.49249	.66951
	M		Q	V	RE	P9	P9/P	MQ	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	.702		387.4	773.3	.2730+07	1114.0	.9920	.711	.70197	1.4246	.74439	.48988	.67826
			P16	PXL	IP	IP/TT	FP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			749.8	.0	554.1	.9967	762.0	.58903-03	.50128	1.9949	1.78032	1.74439	.45072

CORR	CONF	POS		AREA	FT	F	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
1035	9	1.75		.1719	1560.	1124.0	554.6	505.0	.80053	1.2492	.51422	.41472	.64358
	M		Q	V	RE	P9	P9/P	MQ	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	.701		386.6	772.1	.2735+07	1116.0	.9929	.709	.80627	1.2403	.48694	.41279	.65517
			P16	PXL	IP	IP/TT	FP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			874.7	.0	553.4	.9978	899.8	.49580-03	.57679	1.7337	1.51422	1.48694	.38130

CORR	CONF	POS		AREA	FT	F	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
1036	9	1.75		.1719	1560.	1124.0	554.2	504.6	.90214	1.1085	.25229	.28586	.59362
	M		Q	V	RE	P9	P9/P	MQ	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	.701		386.6	771.8	.2730+07	1115.0	.9920	.710	.90942	1.0996	.22697	.28436	.61931
			P16	PXL	IP	IP/TT	FP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			1007.0	.0	553.0	.9978	1014.0	.34188-03	.65000	1.5385	1.25229	1.22697	.27049

CORR	CONF	POS		AREA	FT	F	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
1037	9	1.75		.1719	1560.	1124.0	553.9	504.4	.94029	1.0634	.13073	.18844	.52811
	M		Q	V	RE	P9	P9/P	MQ	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	.700		385.5	770.6	.2730+07	1116.0	.9929	.709	.95609	1.0459	.11036	.18729	.56944
			P16	PXL	IP	IP/TT	FP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			1064.0	.0	552.6	.9977	1067.0	.22510-03	.68397	1.4620	1.13073	1.11036	.18218

CORR	CONF	POS		AREA	FT	F	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
609	9	5.85		.1719	1535.	232.0	557.4	324.0	.65250	1.5324	.06186	.12328	.54698
	M		Q	V	RE	P9	P9/P	MQ	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
	1.692		581.3	1071.5	.2739+07	235.0	1.0129	1.883	.64426	1.5522	.06431	.12248	.53744
			P16	PXL	IP	IP/TT	FP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
			145.8	.0	544.3	.9765	151.4	.10237-03	.09863	10.1387	1.06186	1.06431	.07979

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CORR CONF  POS
610     9 5.85        AREA       PT        P       TT       T       PP/P     P/PP     (P-PP)/(PT-P)           MVJ/MVINF     KINF
        M         Q    .1719     1535.    232.0    558.1   325.3   .70603   1.4164          .05234              .10584    .48887
    1.892     581.3  1672.6  .2734+07      P9      P9/P      M9     PP/P9    P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9        K9
              P16        PXL       TP    235.7   1.0159   1.882   .69495   1.4389          .05534              .10499    .47650
              159.0        .0    544.7   IP/TT       PP      MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
                                         .9760    163.8 .87832-04  .10671   9.3712         1.05234            1.05534    .06851

CORR CONF  POS
611     9 5.85        AREA       PT        P       TT       T       PP/P     P/PP     (P-PP)/(PT-P)           MVJ/MVINF     KINF
        M         Q    .1719     1535.    232.0    558.8   325.7   .82371   1.2140          .03139              .06754    .37031
    1.892     581.3  1673.6  .2730+07      P9      P9/P      M9     PP/P9    P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9        K9
              P16        PXL       TP    235.8   1.0164   1.881   .81043   1.2339          .03441              .06698    .35447
              186.2        .0    544.1   IP/TT       PP      MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
                                         .9737    191.1 .56012-04  .12450   8.0324         1.03139            1.03441    .04371

CORR CONF  POS
612     9 5.85        AREA       PT        P       TT       T       PP/P     P/PP     (P-PP)/(PT-P)           MVJ/MVINF     KINF
        M         Q    .1719     1535.    232.0    559.1   325.9   .90474   1.1053          .01696              .04268    .30259
    1.892     581.3  1674.1  .2728+07      P9      P9/P      M9     PP/P9    P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9        K9
              P16        PXL       TP    234.9   1.0125   1.884   .89357   1.1191          .01923              .04241    .28464
              211.5        .0    544.0   IP/TT       PP      MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
                                         .9730    209.9 .35387-04  .13674   7.3130         1.01696            1.01923    .02763

CORR CONF  POS
613     9 5.85        AREA       PT        P       TT       T       PP/P     P/PP     (P-PP)/(PT-P)           MVJ/MVINF     KINF
        M         Q    .1719     1534.    231.9    559.8   326.3   .97240   1.0284          .00492              .02289    .29006
    1.892     581.1  1675.1  .2722+07      P9      P9/P      M9     PP/P9    P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9        K9
              P16        PXL       TP    235.5   1.0155   1.882   .95754   1.0443          .00770              .02272    .23218
              225.3        .0    543.5   IP/TT       PP      MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
                                         .9709    225.5 .18961-04  .14700   6.8027         1.00492            1.00770    .01482

CORR CONF  POS
614     9 5.85        AREA       PT        P       TT       T       PP/P     P/PP     (P-PP)/(PT-P)           MVJ/MVINF     KINF
        M         Q    .1719     1553.    424.3    560.0   386.5   .58944   1.6965          .15434              .12605    .39604
    1.498     666.5  1443.5  .3133+07      P9      P9/P      M9     PP/P9    P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9        K9
              P16        PXL       TP    436.0   1.0276   1.479   .57362   1.7433          .16643              .12473    .38396
              227.9        .0    549.7   IP/TT       PP      MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
                                         .9816    250.1 .13896-03  .16104   6.2095         1.15434            1.16643    .10731

CORR CONF  POS
615     9 5.85        AREA       PT        P       TT       T       PP/P     P/PP     (P-PP)/(PT-P)           MVJ/MVINF     KINF
        M         Q    .1719     1553.    424.3    560.3   386.7   .64577   1.5485          .13316              .12267    .39446
    1.498     666.5  1443.8  .3130+07      P9      P9/P      M9     PP/P9    P9/PP   (P9-PP)/(PT-P9)         MVJ/MV9        K9
              P16        PXL       TP    434.4   1.0238   1.482   .63076   1.5854          .14339              .12155    .38231
              257.1        .0    549.5   IP/TT       PP      MDOT    PP/PT    PT/PP   (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
                                         .9807    274.0 .13519-03  .17643   5.6679         1.13316            1.14339    .10443
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CORR CONF  POS         AREA      PT       P      TT       T      PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF    KINF
616     9 5.85         .1719    1553.   424.3   560.6   386.9   .70139  1.4257          .11225                .12022  .40234
        M         Q      V        RU      P9     P9/P      M9    PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9       K9
    1.498     666.5 1444.2 .3128+07   435.7  1.0269   1.480   .68304  1.4640          .12360                .11899  .38588
                P16     PXL      TP   IP/TT      PP     MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
              283.7      .0   549.5   .9802   297.6 .13246-03  .19163  5.2184         1.11225               1.12360  .10235

CORR CONF  POS         AREA      PT       P      TT       T      PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF    KINF
617     9 5.85         .1719    1553.   424.3   561.1   387.3   .79472  1.2583          .07717                .09991  .37663
        M         Q      V        RU      P9     P9/P      M9    PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9       K9
    1.498     666.5 1445.0 .3124+07   434.6  1.0243   1.481   .77589  1.2888          .08709                .09898  .35654
                P16     PXL      TP   IP/TT      PP     MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
              335.3      .0   548.8   .9781   337.2 .11003-03  .21713  4.6056         1.07717               1.08709  .08505

CORR CONF  POS         AREA      PT       P      TT       T      PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF    KINF
618     9 5.85         .1719    1553.   423.6   561.2   387.2   .89235  1.1206          .04038                .06556  .32077
        M         Q      V        RU      P9     P9/P      M9    PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9       K9
    1.499     666.3 1445.7 .3122+07   433.1  1.0224   1.484   .87278  1.1458          .04920                .06499  .29207
                P16     PXL      TP   IP/TT      PP     MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
              381.1      .0   548.2   .9768   378.0 .72137-04  .24340  4.1085         1.04038               1.04920  .05577

CORR CONF  POS         AREA      PT       P      TT       T      PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF    KINF
619     9 5.85         .1719    1554.   424.3   561.5   387.5   .94768  1.0552          .01965                .02343  .15903
        M         Q      V        RU      P9     P9/P      M9    PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9       K9
    1.498     666.5 1445.3 .3122+07   433.1  1.0207   1.484   .92842  1.0771          .02766                .02323  .13468
                P16     PXL      TP   IP/TT      PP     MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
              403.3      .0   546.9   .9740   402.1 .25790-04  .25875  3.8647         1.01965               1.02766  .01993

CORR CONF  POS         AREA      PT       P      TT       T      PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF    KINF
621     9 5.85         .1719    1559.   727.4   559.2   449.8   .55774  1.7930          .38684                .21369  .45500
        M         Q      V        RU      P9     P9/P      M9    PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9       K9
    1.103     619.5 1146.6 .3235+07   666.2   .9159   1.173   .60898  1.6421          .29178                .21674  .50314
                P16     PXL      TP   IP/TT      PP     MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
              366.6      .0   552.3   .9877   405.7 .27564-03  .26023  3.8427         1.38684               1.29178  .21189

CORR CONF  POS         AREA      PT       P      TT       T      PP/P    P/PP     (P-PP)/(PT-P)          MVJ/MVINF    KINF
622     9 5.85         .1719    1558.   725.4   559.6   449.8   .64999  1.5385          .30495                .20825  .45883
        M         Q      V        RU      P9     P9/P      M9    PP/P9   P9/PP   (P9-PP)/(PT-P9)          MVJ/MV9       K9
    1.105     620.0 1148.7 .3232+07   666.8   .9192   1.171   .70711  1.4142          .21914                .21117  .52094
                P16     PXL      TP   IP/TT      PP     MDOT    PP/PT   PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)    KDIT
              443.0      .0   552.3   .9870   471.5 .26837-03  .30263  3.3043         1.30495               1.21914  .20651
```

CORR CONF POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
623 9 5.85		.1719	1558.	725.4	559.5	449.7	.74717	1.5384	.22027	.18978	.45574
M	Q	V	RU	P9	P9/P	M9	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
1.105	620.0	1148.5	.3233+07	667.3	.9199	1.171	.81223	1.2312	.14068	.19242	.54928
	P16	PXL	TP	TP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
	530.3	.0	551.8	.9862	542.0	.24460-03	.34788	2.8745	1.22027	1.14068	.18820
CORR CONF POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
624 9 5.85		.1719	1556.	724.7	559.6	449.7	.85290	1.1725	.12793	.12720	.37265
M	Q	V	RU	P9	P9/P	M9	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
1.105	619.4	1148.5	.3230+07	666.8	.9201	1.171	.92696	1.0788	.05465	.12887	.54949
	P16	PXL	TP	TP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
	616.9	.0	550.7	.9841	618.1	.16378-03	.39673	2.5206	1.12793	1.05465	.12603
CORR CONF POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
625 9 5.85		.1719	1558.	729.4	559.6	450.5	.88950	1.1242	.09727	.09975	.32781
M	Q	V	RU	P9	P9/P	M9	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
1.100	617.8	1144.4	.3229+07	665.7	.9127	1.173	.97461	1.0260	.01894	.10120	.71338
	P16	PXL	TP	TP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
	650.6	.0	550.4	.9836	648.8	.12857-03	.41643	2.4014	1.09727	1.01894	.09893
CORR CONF POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
627 9 5.85		.1719	1559.	1123.0	553.1	503.6	.54541	1.8335	1.17087	.40090	.50925
M	Q	V	RU	P9	P9/P	M9	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
.701	386.3	771.1	.2743+07	1105.0	.9840	.719	.55430	1.8041	1.08480	.39642	.51799
	P16	PXL	TP	TP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
	548.8	.0	550.6	.9955	612.5	.47952-03	.39288	2.5453	2.17087	2.08480	.36660
CORR CONF POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
628 9 5.85		.1719	1559.	1123.0	552.8	503.3	.59145	1.6908	1.05229	.42053	.53863
M	Q	V	RU	P9	P9/P	M9	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
.701	386.3	770.8	.2745+07	1106.0	.9849	.718	.60054	1.6652	.97528	.41610	.54843
	P16	PXL	TP	TP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
	609.4	.0	550.3	.9955	664.2	.50316-03	.42604	2.3472	2.05229	1.97528	.38456
CORR CONF POS		AREA	PT	P	TT	T	PP/P	P/PP	(P-PP)/(PT-P)	MVJ/MVINF	KINF
630 9 5.85		.1719	1560.	1124.0	552.5	503.1	.79733	1.2542	.52248	.37351	.57628
M	Q	V	RU	P9	P9/P	M9	PP/P9	P9/PP	(P9-PP)/(PT-P9)	MVJ/MV9	K9
.701	386.6	770.7	.2749+07	1105.0	.9831	.720	.81104	1.2330	.45890	.36925	.60148
	P16	PXL	TP	TP/TT	PP	MDOT	PP/PT	PT/PP	(PT-PP)/(PT-P)	(PT-PP)/(PT-P9)	KDIT
	866.8	.0	549.4	.9944	896.2	.44738-03	.57449	1.7407	1.52248	1.45890	.34324

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CORR  CONF   POS           AREA        PT          P        TT      T       PP/P     P/PP     (P-PP)/(PT-P)          MVJ/MVINF      KINF
 631     9  5.85          .1719     1560.     1122.0     552.3   502.7   .89661   1.1153           .26484             .20420     .41461
           M            Q      V        RU         P9      P9/P      M9     PP/P9    P9/PP    (P9-PP)/(PT-P9)           MVJ/MV9        K9
        .702        387.0  771.5  .2750+07    1105.0     .9848    .720   .91041   1.0984           .21758             .20185     .44852
                      P16    PXL        TP     TP/TT        PP      MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                    996.4     .0     548.6     .9933    1006.0 .24460-03   .64487   1.5507          1.26484            1.21758     .19263

CORR  CONF   POS           AREA        PT          P        TT      T       PP/P     P/PP     (P-PP)/(PT-P)          MVJ/MVINF      KINF
 632     9  5.85          .1719     1560.     1123.0     552.1   502.6   .94657   1.0564           .13730             .11080     .30391
           M            Q      V        RU         P9      P9/P      M9     PP/P9    P9/PP    (P9-PP)/(PT-P9)           MVJ/MV9        K9
        .702        387.4  771.4  .2754+07    1106.0     .9849    .719   .96112   1.0405           .09471             .10968     .35879
                      P16    PXL        TP     TP/TT        PP      MDOT    PP/PT    PT/PP    (PT-PP)/(PT-P)   (PT-PP)/(PT-P9)     KDIT
                   1070.0     .0     548.1     .9928    1063.0 .13285-03   .68141   1.4675          1.13730            1.09471     .10714
```

ORIFICE IN-FLOW EFFICIENCY TESTS

VOLUME II: APPLICATION TO SHUTTLE VENTING DURING ENTRY

VOLUME II - TABLE OF CONTENTS

NOMENCLATURE

Symbol		Units
A	vent area	in^2
C_p	specific heat at constant pressure	Btu/lbm-mole-$^\circ$R
C_v	specific heat at constant volume	Btu/lbm-mole-$^\circ$R
h	enthalpy of gas	Btu/lbm-mole
K	orifice efficiency	dimensionless
M	Mach number	dimensionless
m	mass of gas	slug
$\dot{m}$	mass flow rate	slug/sec
P	pressure	lb/ft^2
$\dot{P}$	time rate of change of pressure	lb/ft^2/sec
R	gas constant (1716 for air)	ft-lb/slug-$^\circ$R
t	time	sec
T	temperature	$^\circ$R
V	compartment volume	ft^3

Greek

γ	ratio of specific heats = C_p/C_v	dimensionless
ρ	gas density	slug/ft^3

Subscripts

c	denotes compartment
p	denotes compartment or plenum chamber
1	denotes starting condition of time step
2	denotes end condition of time step
o	denotes total conditions
∞	denotes local external conditions
j	denotes orifice jet conditions

Section 1
INTRODUCTION

During descent of space shuttle vehicles from high altitudes the buildup of ambient atmospheric pressures will result in crushing loads exerted across the vehicle skin. To relieve these loads and thereby circumvent structural failure, the vehicle compartments must be repressurized during descent such that the internal compartment pressures effectively counteract the external loads. It is anticipated that this equalization of pressures may be accomplished by allowing external air to flow into the compartments through strategically located vents. Such vents have been used effectively in the Saturn/Apollo program to relieve potential bursting loads built up during ascent, where equalization of pressures was effected by allowing the trapped internal compartment gases to flow overboard to the reduced ambient pressure environment. The space shuttle vehicle, however, will require both compartment depressurization during ascent and repressurization during descent. It is currently anticipated that a vent-orifice system may be utilized during both phases of flight (Ref. 1).

The prediction of venting performance of orifices under various external flow conditions requires a knowledge of orifice efficiencies for the conditions under consideration. Adequate outflow orifice efficiency data have been generated for flow conditions corresponding to the anticipated space shuttle ascent trajectory. These data were generated for application to the Saturn vehicle during a test program at NASA-Ames Research Center (Ref. 2). Inflow orifice efficiency data have been limited, however, to a narrow range of external flow conditions.

The purpose of the investigation described in this report is to provide sufficient inflow orifice efficiency data and to develop the computer program capability to enable compartment venting analyses to be made for the space shuttle during the descent phase of flight.

Section 2
INFLOW ORIFICE EFFICIENCY TEST

2.1 TEST DESCRIPTION

A test program was undertaken to determine orifice efficiencies for the flow of air into a compartment from a flowing external stream. The test program was conducted at the NASA-Ames 6 x 6-Foot Supersonic Wind Tunnel during a two-week period (20 September 1971 through 1 October 1971). This particular wind tunnel was selected because hardware was available from a previous test program for outflow venting which was conducted in this same wind tunnel (Ref. 2). The hardware was designed to fit into the window of the Ames 6 x 6-foot tunnel, and only minor modifications of the test hardware were required. Also, the Mach number range capability of the tunnel, 0.6 to 2.2, fell within a major portion of the anticipated shuttle descent trajectory Mach number range (Ref. 1).

The test model consisted basically of a flat plate which was designed to traverse into a boundary layer created by the turbulent air buildup on the tunnel wall. Other pertinent components of the model include a vent plenum, a traversing probe plenum and interchangeable vent plates with variously shaped orifices. The vent plenum with the interchangeable vent plates allowed for air removal by means of a vacuum system. The measured mass flow through the orifice and pressure measurements on the flat plate and plenum chamber supplied information necessary to calculate the orifice flow coefficient. The traversing probe plenum supplied information on boundary layer thickness over the vent port location.

A Mach number range of 0.7 to 1.9 was used during the test along with a tunnel total pressure of 1584 psfa. Other parameters varied were orifice geometry, vent plate thickness, vent orientation, flat plate boundary layer thickness and pressure ratio across the vent plate.

Data obtained from the test include three calculated inflow orifice efficiencies based on freestream static and total pressure and a plate static pressure port located 7.5 inches upstream of the vent port. Other data obtained include traversing probe data to define boundary layer thickness, boundary layer rake data at a location 18.9 inches downstream of the vent port, and flat plate static pressure data to define the longitudinal pressure distribution along the centerline of the flat plate. This test program and the experimental results are described in detail in the pretest and test reports (Refs. 3 and 4).

2.2 TEST RESULTS AND DISCUSSION

Inflow orifice efficiencies were obtained as three distinct coefficients differing in the choice of total pressure through the orifice. These were:

- K_9, based on local static pressure P_9 (7.5 inches upstream of orifice). This follows the method of Kalivretenos, Ref. 5.
- K_∞, based on freestream static pressure, P_∞.
- K_{DIT}, based on freestream total pressure, $P_{t\infty}$. This follows the method of Dittrich, Ref. 6.

A comparison of K_9 and K_∞ is shown in Fig. 1 for a circular orifice of 0.75 inch diameter and a maximum boundary layer thickness (plate position 0.0). The curves of constant Mach number are uniformly spaced and convergent for K_9, but shift relative to each other for K_∞. This was due to appreciable differences between the static pressures P_9 and P_∞ in general. Figure 2 shows the ratio P_9/P_∞ as a function of Mach number and plate position for several orifice configurations, obtained for zero or near-zero inflow venting. These unexpected large differences are not easily accounted for, but possible contributing factors may include the plate supporting structure and blockage alleviation system being located on the same wall as, and downstream of, the pressure port used to determine P_∞.

In any case, the consistently smoother trends for K_9 and other parameters based on P_9 encouraged data analysis to be concentrated on results

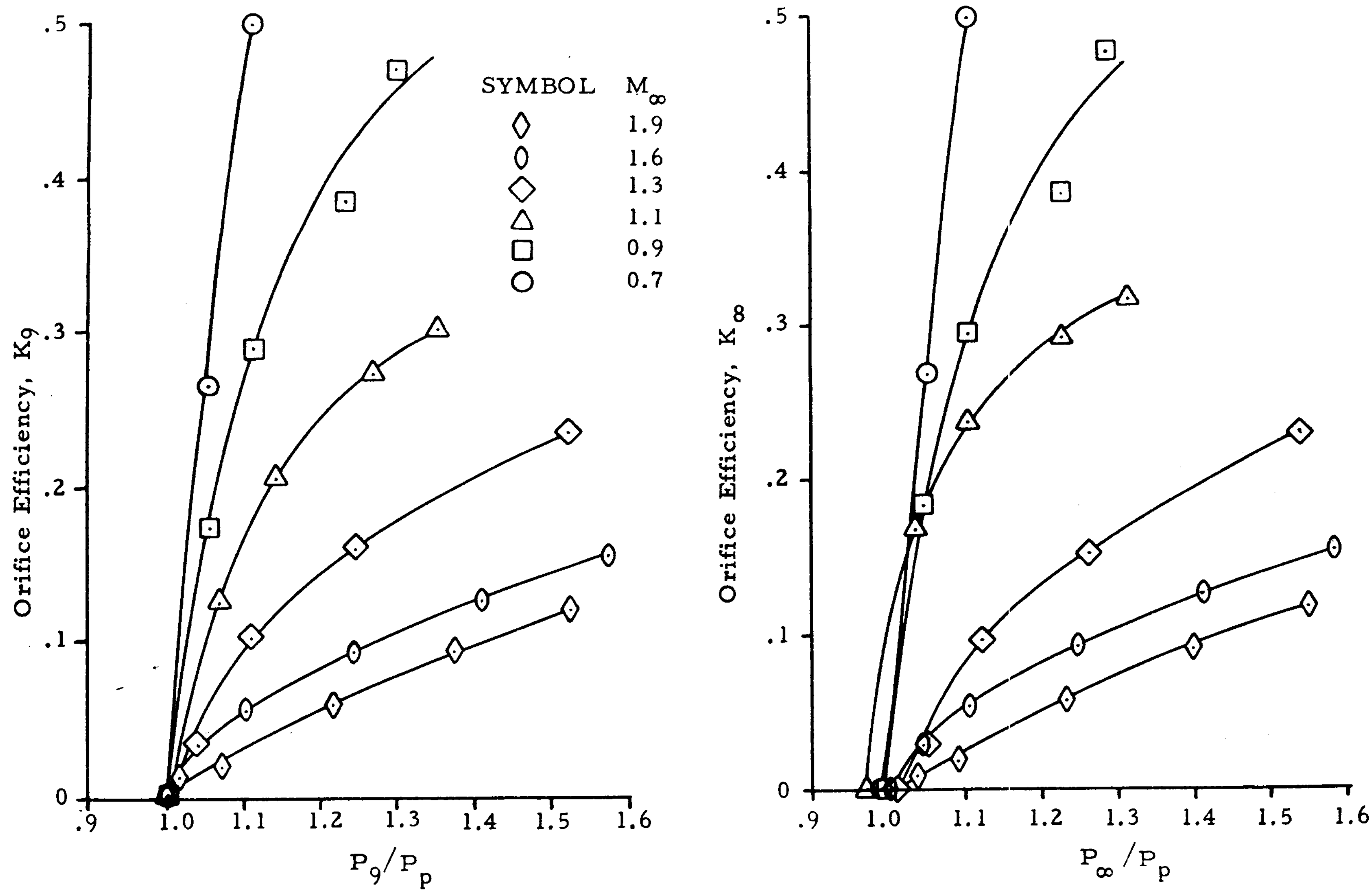

Fig. 1 - Comparison of Orifice Efficiency vs Pressure Ratio for a 0.75 Inch Diameter Circular Orifice Using Local Static Pressure P_9 and Freestream Static Pressure P_∞ as Orifice Total Pressure.

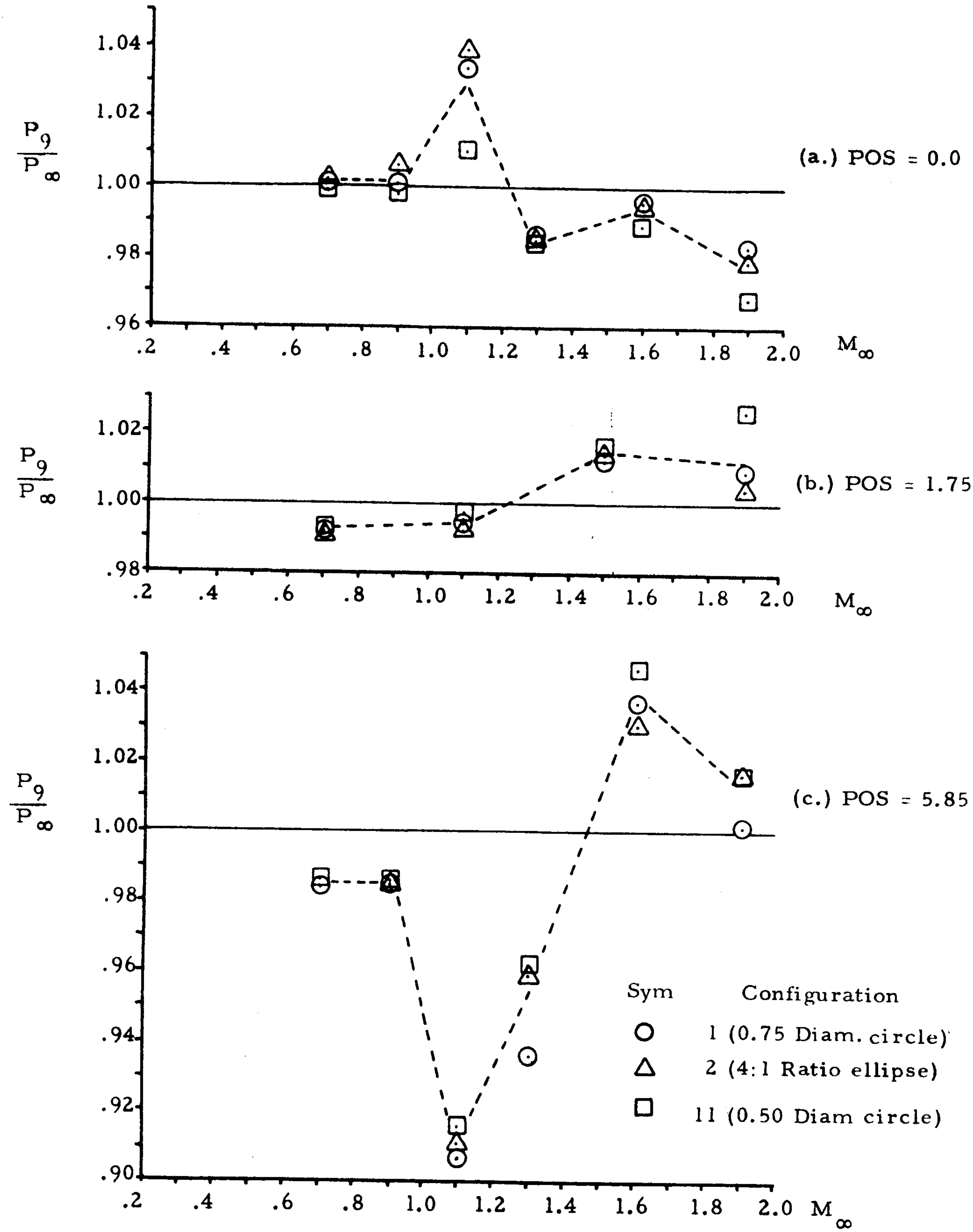

Fig. 2 - Variation of Local-to-Freestream Static Pressure Ratio with Mach Number of Three Orifice Configurations at Three Plate Positions

using this local pressure P_9 rather than P_∞.

Results of this test are compared with those of the two major inflow venting references used, Kalivretenos and Dittrich, in Figs. 3 through 6. The notations of both are changed to the common form used here. Figure 3 reproduces the data of Kalivretenos for various circular orifices. The coefficients are plotted against a flow parameter, $(P_9 - P_p)/(P_{t\infty} - P_9)$, where P_p is the compartment static pressure. Results of the present study are plotted in Fig. 4 in a similar fashion, although the range of flow parameter achieved is much lower due to reduced absolute pressure levels and equipment limitations.

Figure 5 reproduces the Dittrich data for a circular orifice where the coefficient is based on total freestream pressure, and the flow parameter is $(P_{t\infty} - P_p)/(P_{t\infty} - P_9)$. Results of the present test are shown in Fig. 6; again, the flow parameter range is small.

These figures show some marked differences. In Figs. 3 and 4, for example, the trends with increasing Mach number for a constant value of flow parameter are exactly opposite. Figures 5 and 6 indicate a similar discrepancy.

Differences are also noted in general conclusions. Both references conclude that boundary layer thickness effects on orifice efficiency are negligible while this study found considerable variation with plate position, if not boundary layer thickness directly; however, the boundary layer in Dittrich was on the order of 0.1 inch thick while present results are for thicknesses up to 4.5 inches.

No analysis of these discrepancies was attempted here. Known differences among the three tests were total pressure magnitude, boundary layer thickness, sheer facility size, and possible instrument error. The inconsistencies appear sufficiently great to warrant further study.

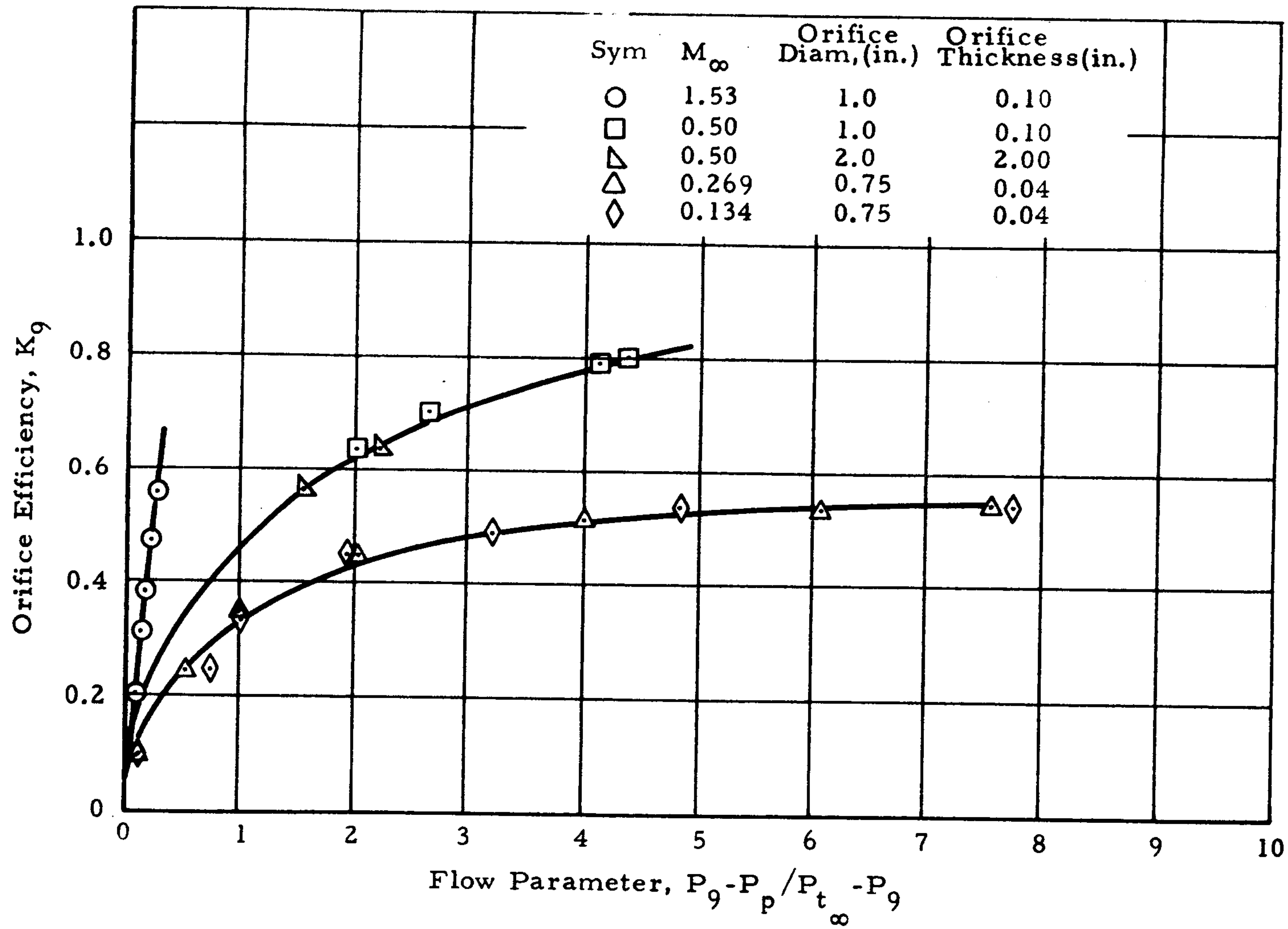

Fig. 3 - Orifice Efficiency vs Flow Parameter for Circular Orifices, from Kalivretenos et al. (Ref. 5)

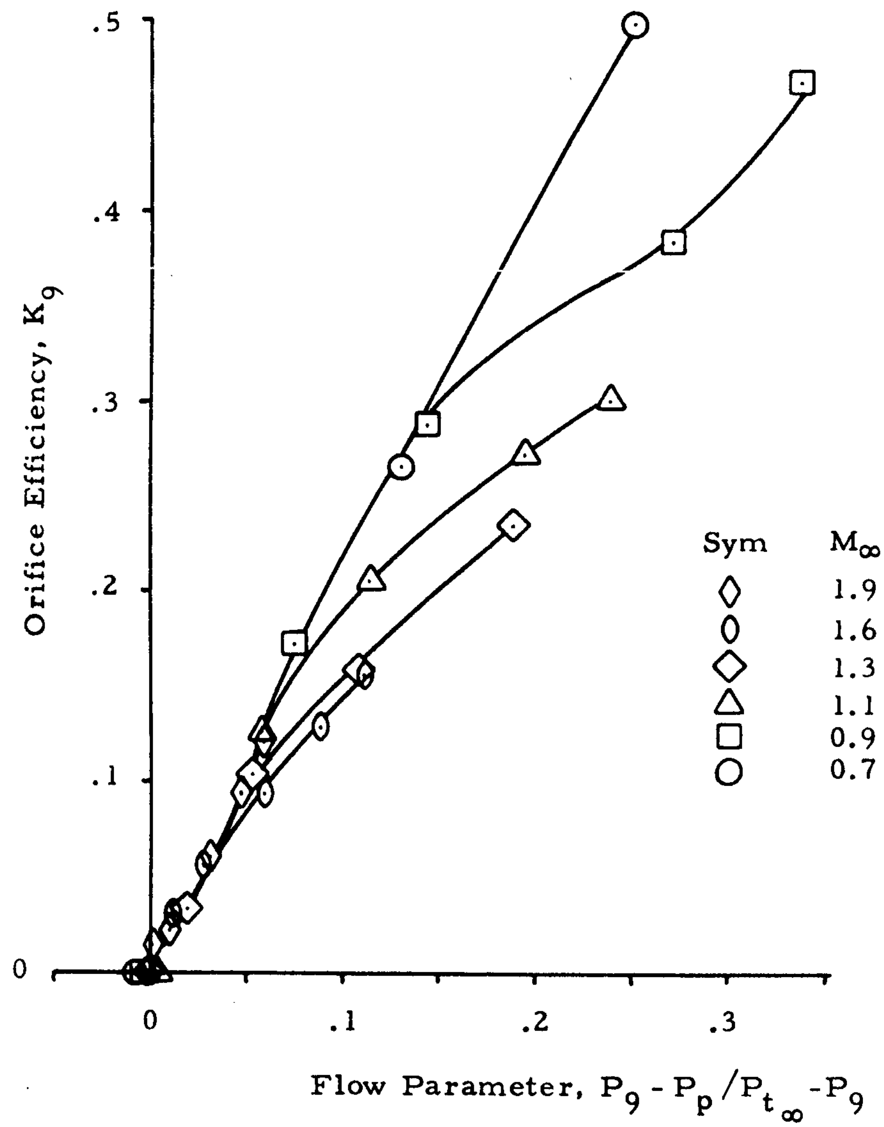

Fig. 4 - Orifice Efficiency vs Flow Parameter for 0.75 in. Diameter Orifice Using Assumptions of Kalivretenos, et al.(Ref. 5)

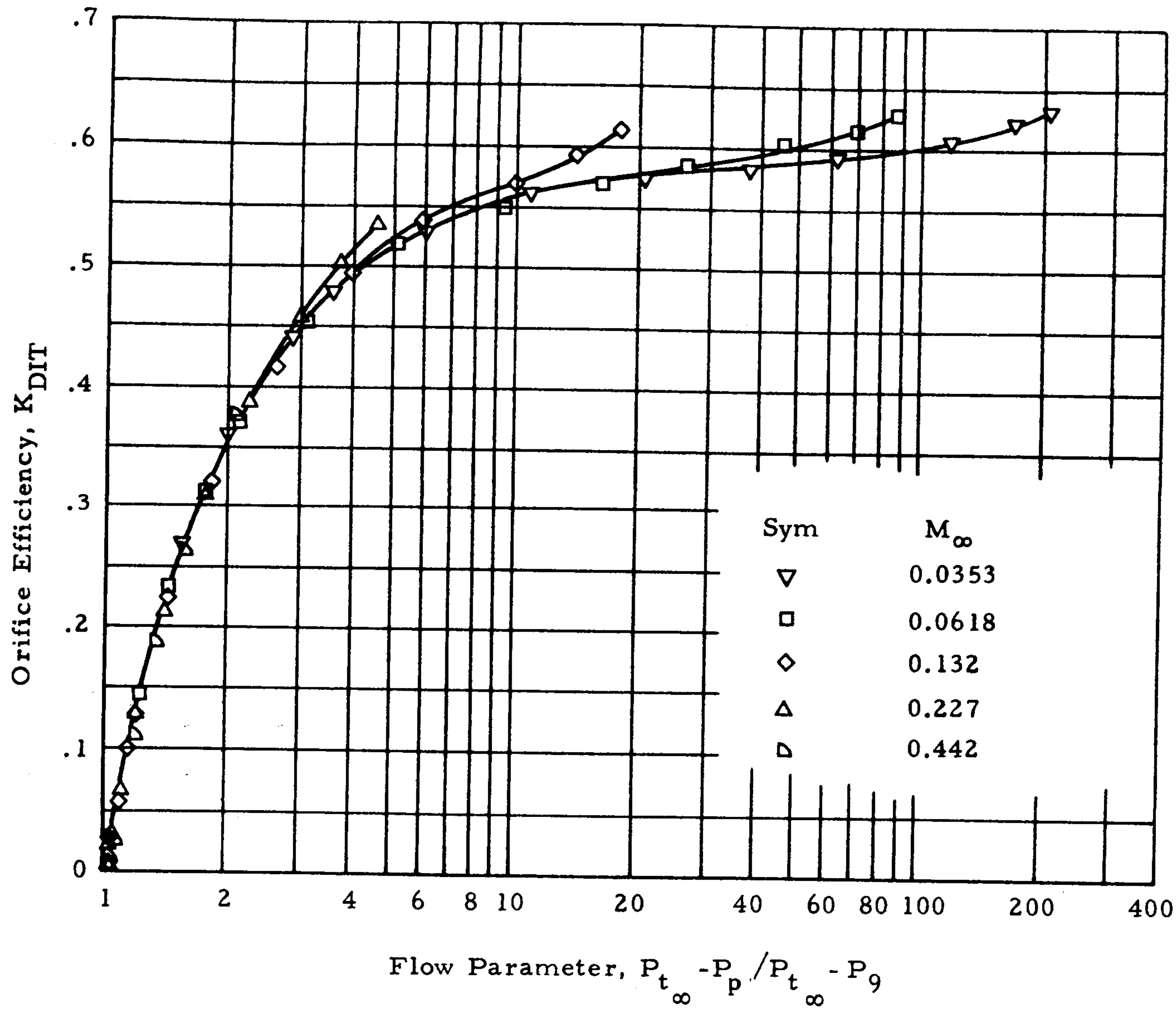

Fig. 5 - Orifice Efficiency vs Flow Parameter for 0.75 in. Diameter Circular Orifice, from Dittrich et al. (Ref. 6). Orifice Thickness is 0.040 in.

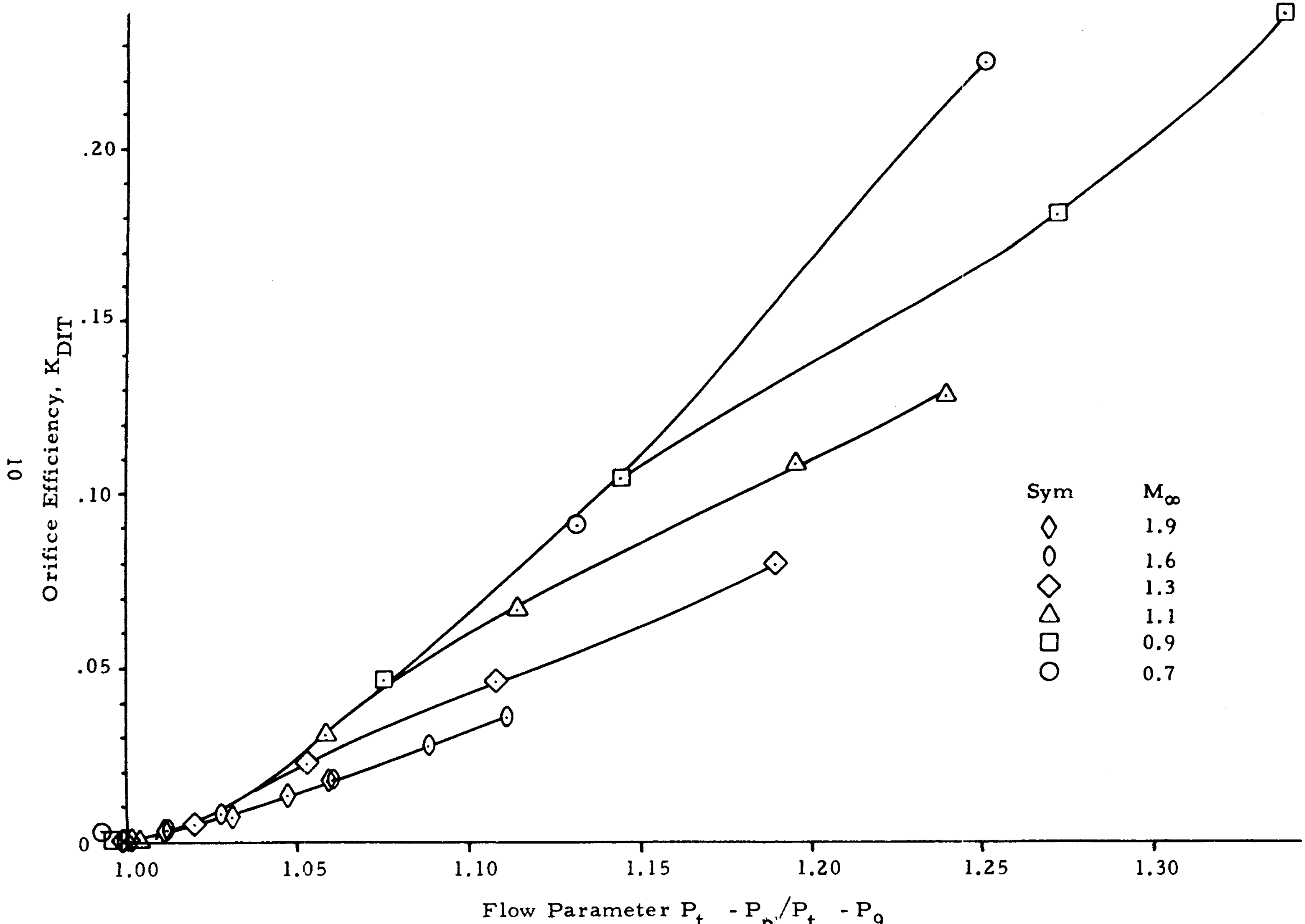

Fig. 6 - Orifice Efficiency vs Flow Parameter for 0.75 in. Diameter Circular Orifice Using Assumptions of Dittrich et al. (Ref. 6). Orifice Thickness is 0.063 in.

Figure 7 shows another parameter chosen to represent venting efficiency, the ratio of orifice to local external mass flow rate, $(\rho V)_j/(\rho V)_9$. This parameter was also used in presenting the test results in Ref. 3.

A summary of the data trends from the inflow test program gives the following results in terms of flow efficiency:

- Orifice efficiency is primarily a function of external flow velocity and pressure ratio across the orifice. It increases with decreasing external velocity and with increasing external-to-chamber pressure ratio.
- Efficiency increases with increasing orifice area.
- Efficiency increases with decreasing wall thickness.
- Efficiency increases with increasing orifice aspect ratio (long axis aligned with external flow direction).
- Efficiency is maximized for orifice aspect ratios greater than one when the major axis is aligned parallel with external flow direction.
- Efficiency is affected by boundary layer thickness, but the degree of effect has not been analyzed. It is noted that increasing orifice size reduces the effects.

The effects on orifice efficiency due to geometry are probably linked with viscous phenomena and blockage at the downstream orifice edge. An entering stream tube is constricted by the upstream boundary layer and the downstream orifice wall; only the latter boundary can be controlled. Geometry changes such as decreased wall thickness and increased flow entry length (by a larger, longer, or more closely aligned orifice) all contribute towards a larger entry area and hence more efficient flow.

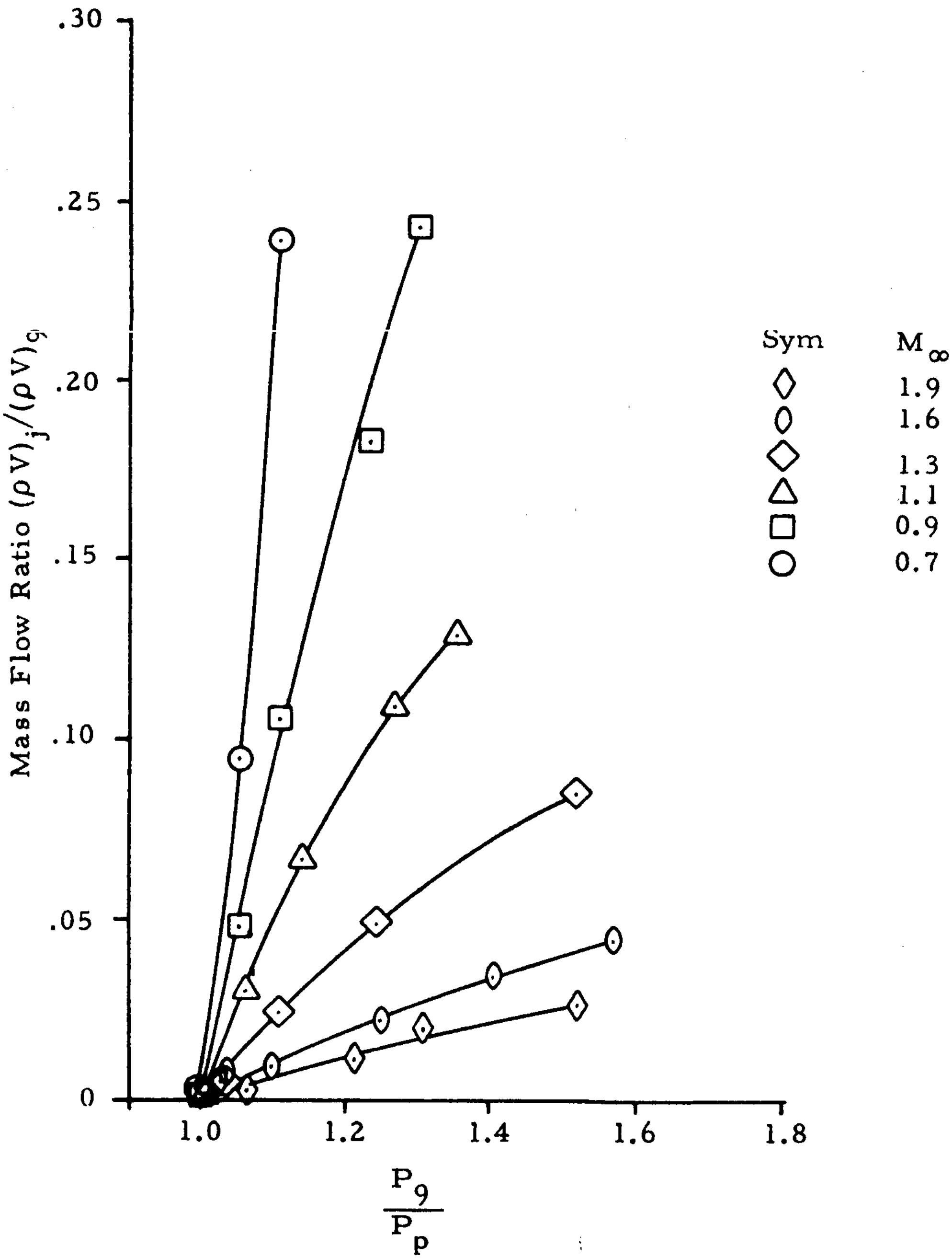

Fig. 7 - Mass Flow Ratio vs Pressure Ratio for a 0.75 Inch Diameter Circular Orifice

Section 3
OUTFLOW VENTING COMPUTER PROGRAM

A computer program originally developed by Jump and Henson (Ref. 7) serves as the basis for both the inflow and outflow venting programs used in this report. Basic features of the outflow program are described below, as are results for a typical space shuttle ascent trajectory.

3.1 OUTFLOW COMPUTER PROGRAM DESCRIPTION

The procedure used in Ref. 7 to calculate compartment pressure time histories from vehicle launch is a numerical operation. The program produces calculations for given time steps beginning from launch until the atmospheric ambient pressure reaches essentially vacuum conditions.

Compartment pressures are calculated by use of a numerical procedure which works as follows:

- The change of mass in the compartment between time steps is calculated from the isentropic relation $P_c/\rho_c^{\gamma} =$ constant after "guessing" the compartment pressure at the end of the time step.
- The calculated change of mass is balanced against the average mass flow rate through the vent port for the same time interval as established by the continuity equation, determining a second value of compartment pressure. Outflow orifice efficiencies obtained from the data of Ref. 2 are used in these computations.
- If the pressures are equal, within an allowed error range, then the program advances to the next time step.
- If the pressures are not equal, then a new compartment pressure is "guessed" and the procedure is repeated.

3.2 OUTFLOW COMPUTER PROGRAM RESULTS

A typical space shuttle ascent trajectory is illustrated in Fig. 8. The outflow program was run using this trajectory information and outflow orifice efficiency data for a 4:1 ratio elliptical orifice. Results of several such runs are shown in Fig. 9. The graph shows the skin differential pressure as a function of time from launch for a compartment volume of 3000 ft^3 and orifices of area 50, 75 and 150 in^2. These calculations were based on the assumption that the local external pressure is identical to the freestream ambient pressure. The curves show that an orifice area to compartment volume ratio of 0.0166 in^2/ft^3 must be maintained to keep the skin differential pressure within assumed design limits of 1.0 psi. (Ref. 1).

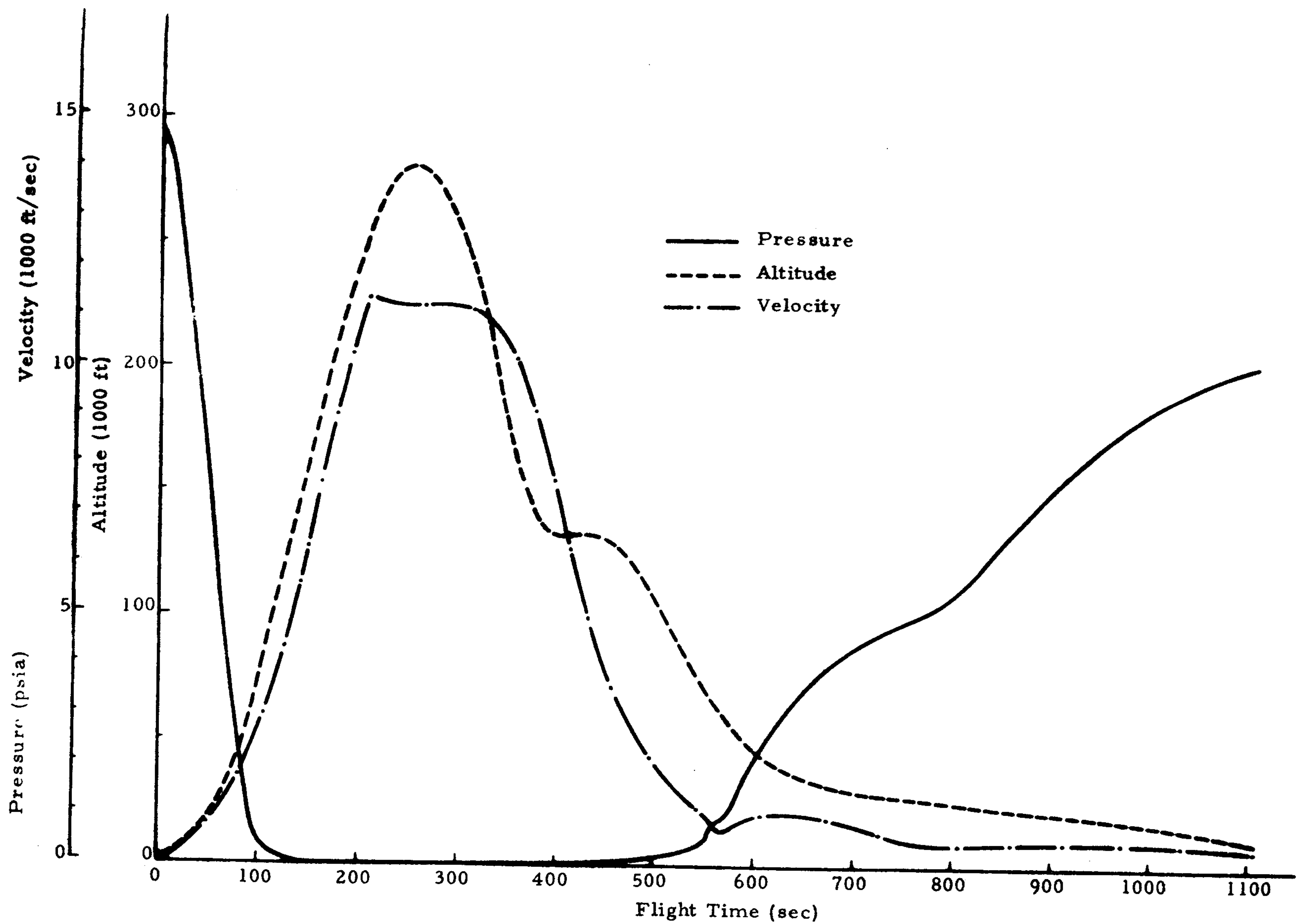

Fig. 8 - Typical Space Shuttle Booster Trajectory Data

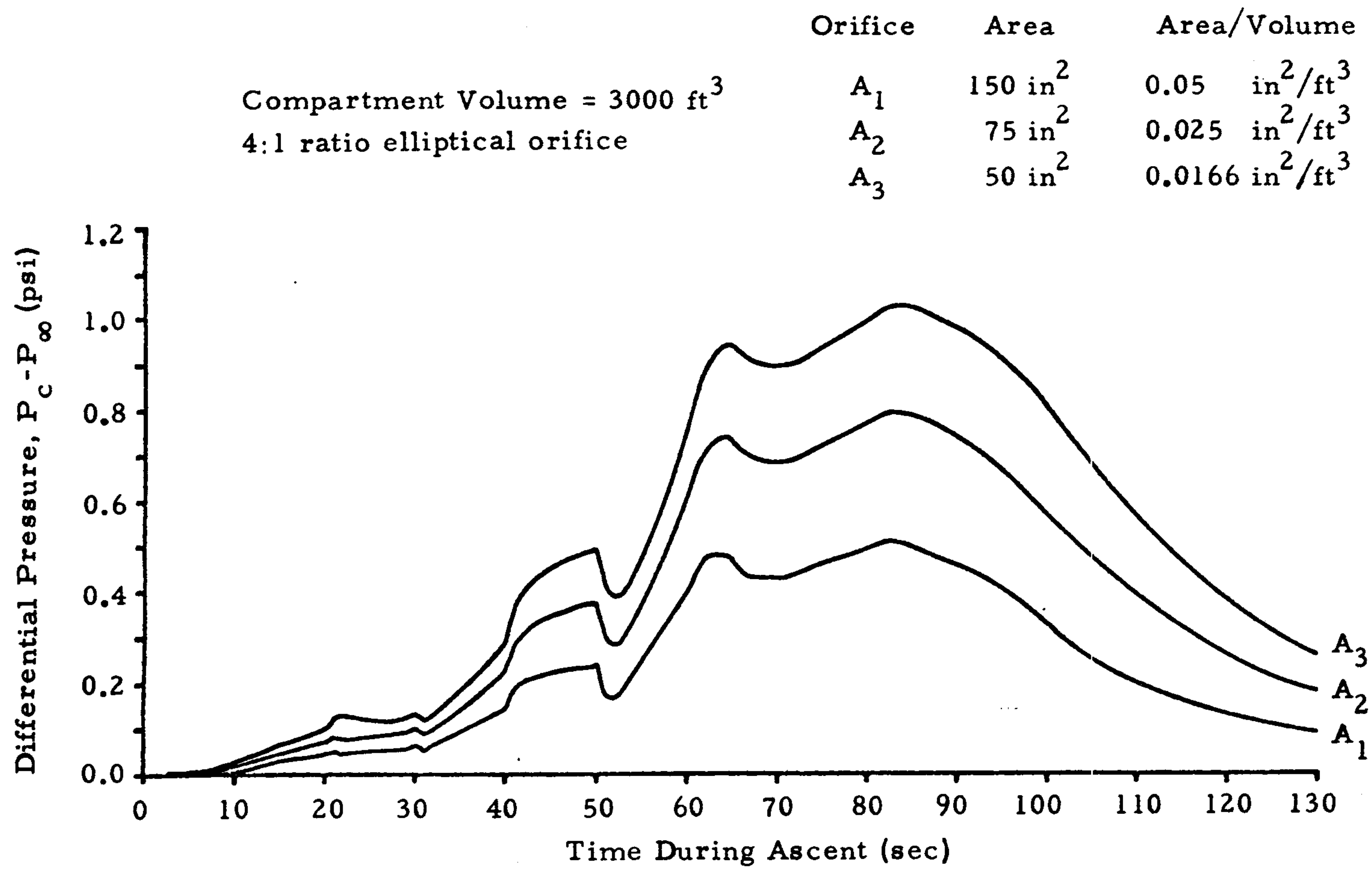

Fig. 9 - Skin Differential Pressure as a Function of Time for a Typical Ascent Trajectory

Section 4
INFLOW VENTING COMPUTER PROGRAM

4.1 INFLOW COMPUTER PROGRAM

The basic outflow venting computer program written by Jump and Henson (Ref. 7) was modified to calculate inflight compartment pressures during inflow venting. The program was designed to handle one compartment with up to four vent orifices. The present version of the program does not allow for outflow venting, and hence is limited to descent trajectories. Future versions will incorporate both inflow and outflow capabilities.

The program utilizes a numerical calculation procedure in the solution of the following equations:

The equation of state applied to the gas inside the compartment is

$$P_c = \frac{R}{V} m\, T \tag{1}$$

The time rate of change of the compartment pressure, therefore, is

$$\dot{P}_c = \frac{R}{V} \frac{d}{dt} (mT) \tag{2}$$

The rate of energy flow into the compartment is the product of the mass flow rate and the local total enthalpy. This energy flow rate is equated to the time rate of increase in the compartment internal energy as follows:

$$\dot{m} h_o = C_v \frac{d}{dt} (mT) \tag{3}$$

Combining Eqs. (2) and (3) and employing the definition of total enthalpy as $h_o = C_p T_o$ yields the rate of change of the compartment pressure:

$$\dot{P}_c = \frac{RT_o}{V} \dot{m} \tag{4}$$

The numerical calculation corresponding to Eq. (4), assuming linear variation of all parameters over a small time increment Δt, is

$$P_{c_2} = P_{c_1} + \Delta t \left[\frac{\gamma R}{V}\right] \left[\frac{T_{o_1} + T_{o_2}}{2}\right] \left[\frac{\dot{m}_1 + \dot{m}_2}{2}\right] \tag{5}$$

where the subscripts 1 and 2 refer, respectively, to conditions at the beginning and end of the time interval Δt. The values of T_o are those of the local external total temperature.

Parameters known at the beginning of the time step include the following:

$$P_{c_1},\ \Delta t,\ \gamma,\ R,\ V,\ T_{o_2},\ T_{o_1},\ P_{\infty_2},\ \dot{m}_1$$

A tentative calculation of $\dot{m}_2$ is made by assuming a value for the compartment pressure P_{c_2} equal to P_{c_1}.

The mass flow through the orifice at the end of any time step Δt is

$$\dot{m}_2 = K_2 A P_{\infty_2} \left(\frac{P_{c_2}}{P_{\infty_2}}\right)^{1/\gamma} \sqrt{\frac{2\gamma}{(\gamma - 1) R T_{o_2}} \left[1 - \left(\frac{P_{c_2}}{P_{\infty_2}}\right)^{\frac{\gamma - 1}{\gamma}}\right]} \tag{6}$$

The term K_2 is the experimentally obtained orifice efficiency at the end of Δt and is a function of P_{c_2}/P_{∞_2} and M_{∞_2}. A more detailed explanation and derivation of Eq. (6) is presented in Refs. 3 and 4.

The assumed value of P_{c_2} is used in Eq. (6) to determine a flow rate $\dot{m}_2$ which is then substituted in Eq. (5) to recompute a new value P'_{c_2}. The iteration cycle reduces the difference between P_{c_2} and P'_{c_2} to an allowable error, and the next time step is begun.

When there are several mass flow sources (vents), Eq. (6) is employed separately for each; the mass flow rates $\dot{m}_1$ and $\dot{m}_2$ of Eq. (5) are the summations over all sources. The values of T_{o_1} and T_{o_2} in Eq. (5), however, are weighted averages of all sources according to orifice area.

Appendix A is a user's manual describing the applications, restrictions, and input requirements of the program including a listing of sample input data. Appendix B is a listing of the complete inflow program.

4.2 INFLOW COMPUTER PROGRAM RESULTS

A set of compartment pressure histories was generated using the inflow computer program with inputs of the booster descent trajectory of Fig. 8 and experimental orifice efficiency data. These computed pressure histories are presented in Fig. 10 for a compartment of 3000 ft^3 volume and for elliptical vents of 4:1 aspect ratio with areas of 10 and 50 in^2.

As in the outflow venting case, the local external flow conditions are assumed to be identical to freestream conditions. The vent area to compartment volume ratio of 0.0166 in^2/ft^3 (50 in^2 orifice) applied to the descent trajectory shows a peak pressure differential of only 0.2 psi as compared to the 1.0 psi for the same vent orifice in the outflow venting case. The orifice area of 10 in^2 is representative of a typical minimum equivalent leakage area for a spacecraft compartment volume of 3000 ft^3. The minimum equivalent leakage area was obtained from Saturn flight vehicle AS-504 data as published in Ref. 8. The interstage compartment equivalent leakage area was determined by pressurizing the vehicle and monitoring the compartment pressure. The area corresponding to the equivalent leak rate was then termed the equivalent leakage area. As seen in Fig. 10, the maximum pressure differential of the compartment, assuming a minimum equivalent leakage area, is about 1 psi.

Figure 11 traces the compartment pressure histories during descent for vent areas of 10 and 50 in^2. Figure 12 shows the corresponding compartment temperature histories. Note that a peak compartment temperature of about 350°F occurs at about 520 sec descent flight time for the 50 in^2 orifice. Afterward, the temperature drops to a level of about 150 to 175°F which it maintains during the remaining descent. At the time of peak compartment temperature, the compartment pressure is at the extremely low level of about 0.2 psi, which is probably insufficient to support any appreciable heat transfer to components located within the compartment.

Compartment Volume = 3000 ft^3

4:1 elliptical orifice

Orifice	Area	Area/Volume
A_1	50 in^2	0.0166 in^2/ft^3
A_2	10 in^2	0.0033 in^2/ft^3

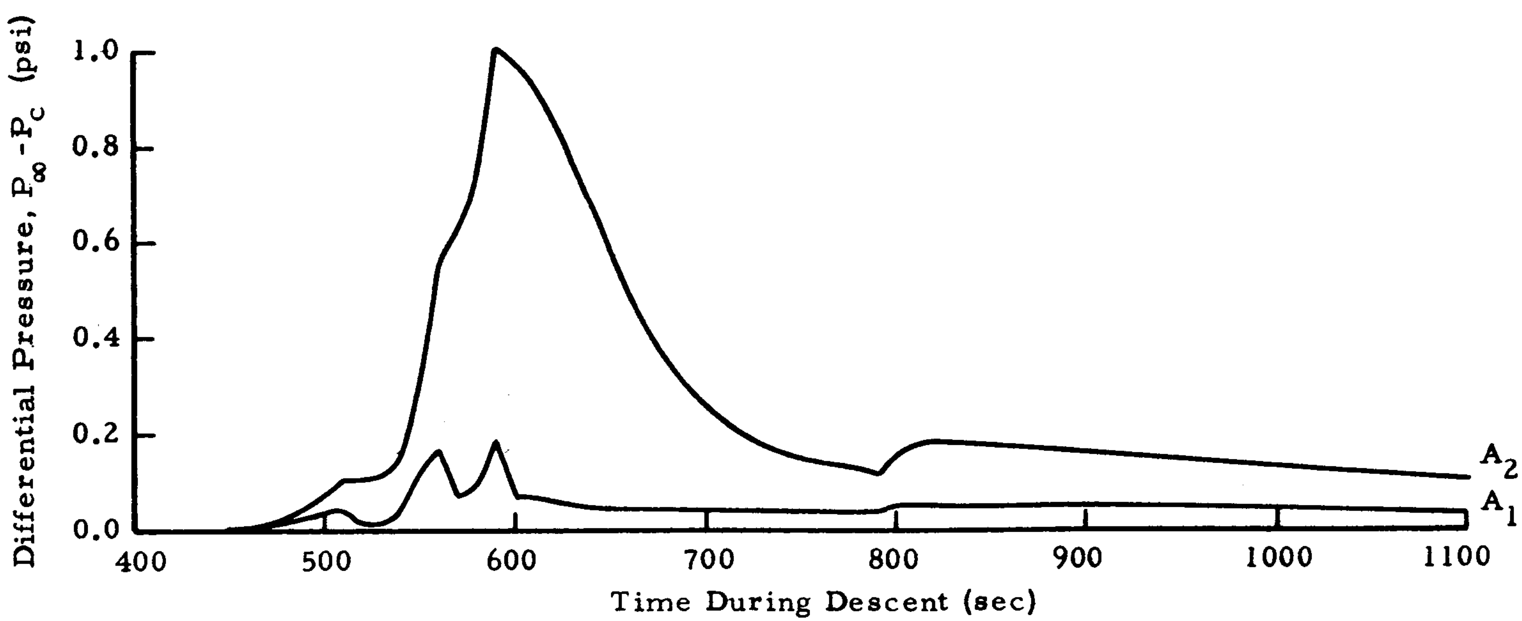

Fig. 10 - Skin Differential Pressure as a Function of Time for a Typical Descent Trajectory

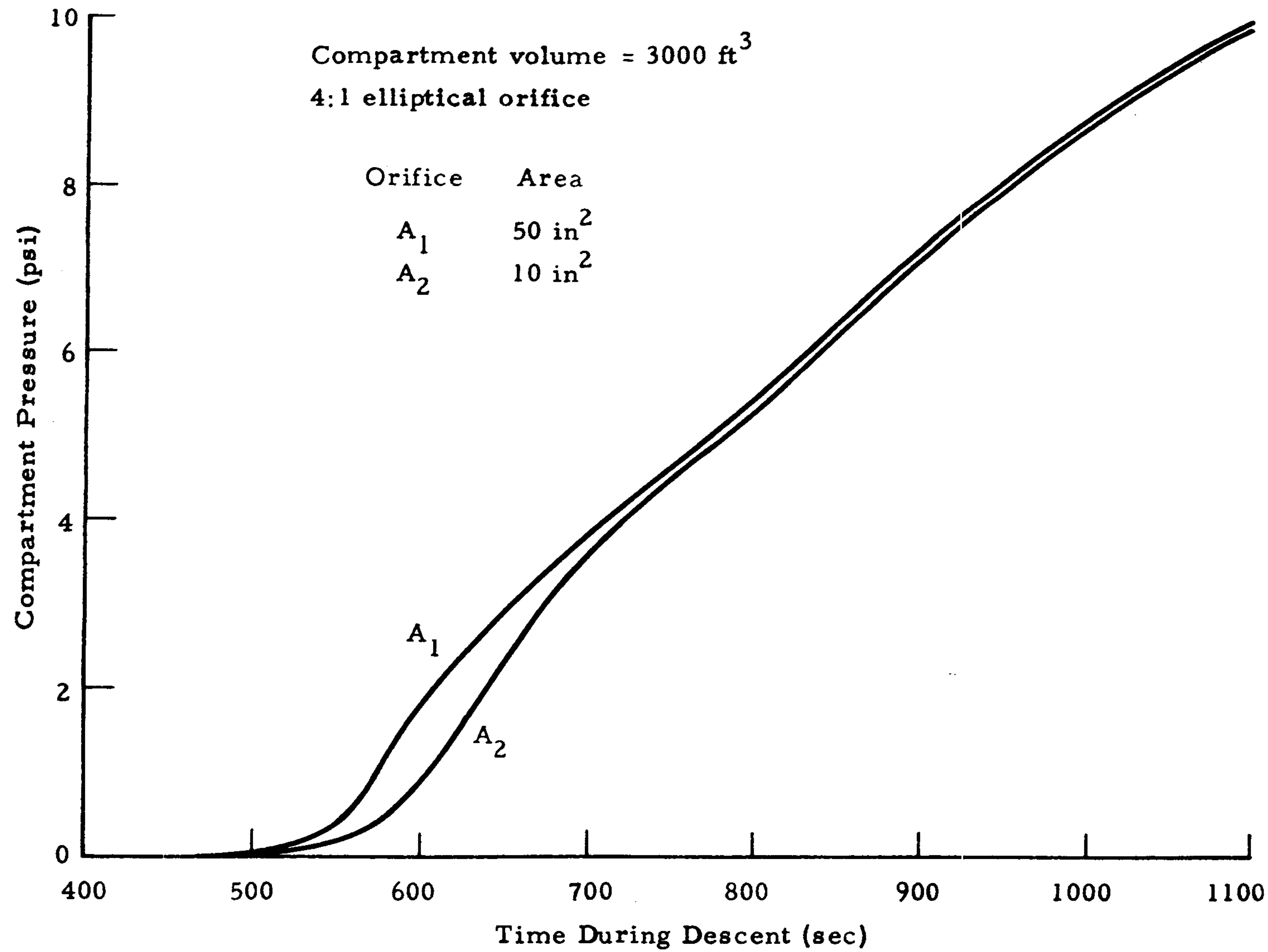

Fig. 11 - Compartment Pressure History During Typical Descent

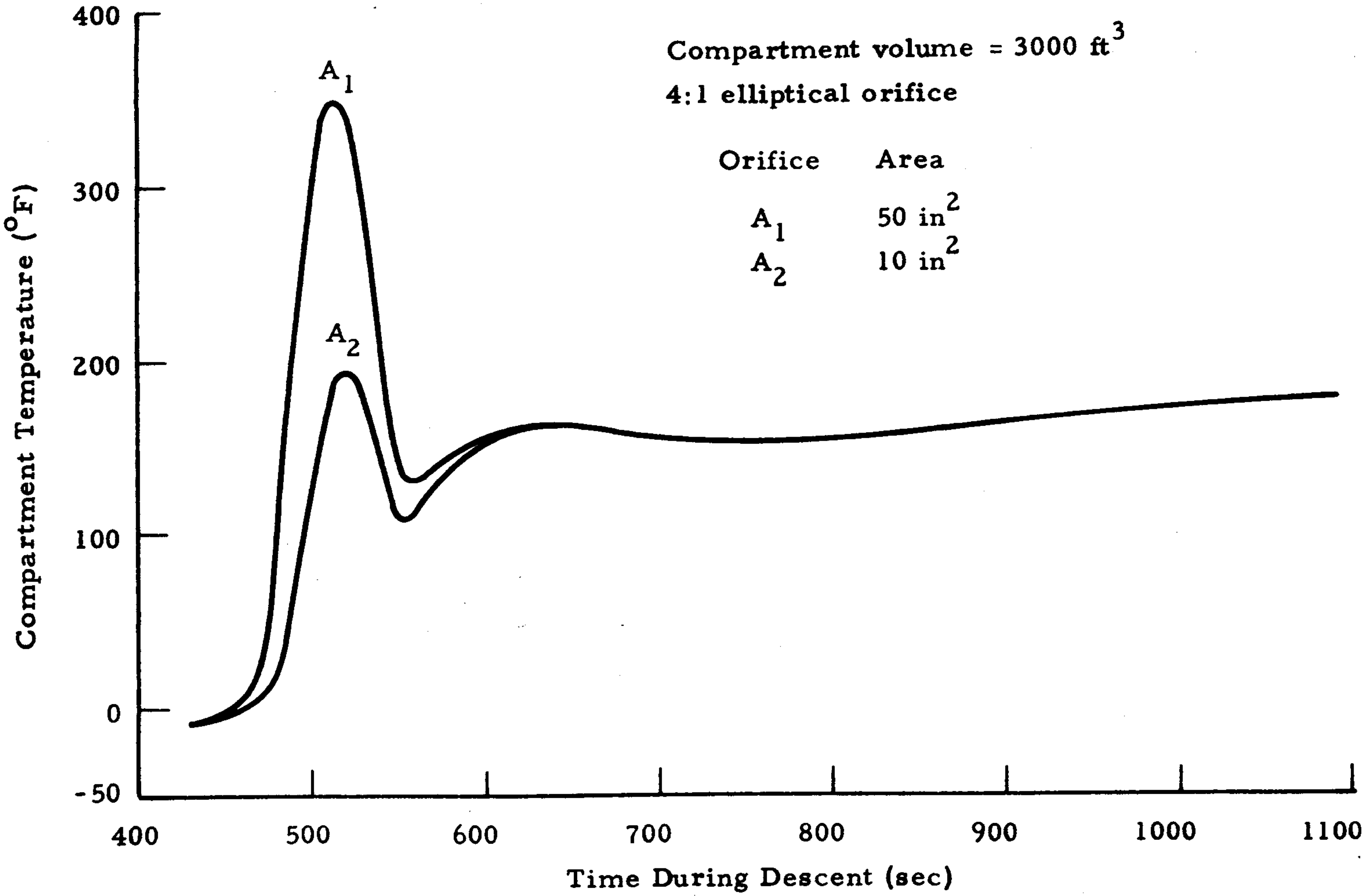

Fig. 12 - Compartment Temperature History During Typical Descent

Section 5
CONCLUSIONS AND RECOMMENDATIONS

This investigation reveals, on the basis of computer calculated results, that shuttle compartment venting during the ascent phase of the trajectory is significantly more critical than compartment venting during the descent trajectory. This conclusion is based on a comparison of calculated compartment pressures for ascent and descent trajectories. The study further revealed that sufficient inflow venting is likely to occur during shuttle reentry on leakage alone. This conclusion is based on the assumptions that the leakage rates of shuttle compartments are comparable to that on Saturn vehicles for a given compartment volume, and that a crush load differential pressure of 1.0 psi across compartment walls is within the spacecraft design stress limits. The vent ports required to vent the compartment gases during ascent, therefore, should be sufficient for any inflow venting requirements during descent.

Although the computed compartment temperatures during descent do not appear to be excessive, it is recommended that the vent ports be located on the backside of the vehicle, as it is oriented during descent, where cooler external air temperatures are expected. It is also recommended that further study be made of the severity of the thermal environment.

An investigation should be made to determine the extent of structural vibration and panel flutter assuming the crush load pressure differential across the vehicle skin that is expected to occur during the descent trajectory. If the structural design requirements are such that a positive outward pressure differential across the vehicle skin must be maintained, then the compartments must be pressurized during reentry by some means. One method would be to pressurize the compartments by releasing gas from bottles stored on the shuttle vehicle. This method obviously results in a

severe payload penalty. Another method would be to utilize scoops for forcing air into the compartments.

The compartment venting calculations presented in the example of this report are based on the assumption that the local external flow conditions are identical with the freestream conditions. Venting studies on the final shuttle design configuration should be based on actual local conditions at the vent port. These local conditions may be established by wind tunnel tests.

Section 6

REFERENCES

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5. Kalivretenos, C. A. et al., "Weight Flow Rates Through Circular Holes in a Flat Plate Immersed in a Subsonic or Supersonic Airstream," TR61-125, Naval Ordnance Laboratory, China Lake, Calif., January 1964.

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8. The Boeing Company, "Environmental Control System Performance Handbook, AS-504," Boeing Document 5-9600-H-102, October 1968.

Appendix A

INFLOW VENTING COMPUTER PROGRAM USER'S MANUAL

Appendix A

A.1 APPLICATIONS

The inflow venting program may be used for any situation of inflow venting, although it was specifically designed for descent trajectories of space vehicles. A single compartment with up to four external vents can be analyzed. Vents may have zero area, which can represent a location on the compartment wall where pressure differential calculations are needed. Also, one vent area change is allowed during the analysis. If the inflow discharge coefficient data input is not in a useful table form, a subroutine is called to interpolate and extrapolate the data into a uniform table.

A.2 INPUT REQUIREMENTS

The input data consist of initial conditions, local parameter histories, and inflow orifice efficiency data. These are read in as follows:

Card Set	Variable	Format
1	NC, NV, NT	3I3
	where NC = 1 (single compartment) NV = number of vents (1,2,3 or 4) NT = number of local parameter time cards	
2	TT(L2), TP(L1, L2), TR(L1, L2), TV(L1, L2), TMACH(L1, L2)	5E14.8
	where TT(L2) = flight time, sec TP(L1, L2) = local static pressure, psia TR(L1, L2) = local density, slug/ft^3 TV(L1, L2) = local velocity, ft/sec TMACH(L1, L2) = local Mach number	
	NOTE: NT cards are read in for each of NV vents. All time points must be the same for each vent.	

Card Set	Variable	Format
3	M1, N, M	3I3
	where M1 = number of input table pressure ratios (and efficiencies) per Mach number N = number of Mach number inputs M = number of pressure ratios to be tabulated per Mach number	
	NOTE: If M = 0, the input table is already of adequate length and in the required form with the same pressure ratios for each Mach number. Otherwise, a nonlinear interpolation develops a uniform pressure ratio table for all Mach numbers.	
4	DOX, DX2	2F10.5
	where DOX = initial pressure ratio of table DX2 = pressure ratio increment	
5	X1(I), PXZ(I, K), PY(I, K)	3F10.5
	where X1(I) = Mach number PXZ(I, K) = pressure ratio (compartment to external) PY(I, K) = orifice efficiency	
(5A)	X1(I), X2(NR), Y(I, NR)	3F10.5
	(replaces card sets 4 and 5 when M = 0)	
	where X1(I) = Mach number X2(NR) = pressure ratio Y(I, NR) = orifice efficiency	
6	VOLL, PL, TL	3F10.5
	where VOLL = compartment volume, ft^3 PL = initial compartment pressure, psfa TL = initial compartment temperature, ^{o}R	
7	AH(L1)	E14.8
	where AH(L1) = vent area, in^2	
8	T, DT, TM, TC	4E14.8
	where T = starting time of analysis, sec DT = time increment, sec TM = stopping time, sec TC = time at which vent area change occurs, sec	

NOTE: T and TC must coincide with specific local data times. TM may be anytime during the flight. If no area change is used, TC may be left blank.

Card Set	Variable	Format
9	KC, AH(KC) (used only when area change is made) where KC = vent for which area is changed AH(KC) = new vent area, in^2	I2, E14.8

A.3 RESTRICTIONS

The program limitations basically involve the relation between compartment and external pressures. Analysis begins with compartment pressure either equal to external pressure (equilibrium), or less than external pressure; the latter case must be interpreted as the instantaneous opening of all vents at the starting time since the initial condition is zero venting everywhere.

During the analysis, compartment pressure may not exceed any local external pressure. This is required since provision for outflow venting is not made in the program. Thus a short re-ascent in the trajectory is allowable only if the pressure differential immediately prior to this re-ascent is large enough to ensure inflow throughout. This cannot be determined beforehand; if an outflow situation results from the trajectory, then the time point of changeover must be found and all data at this instant may be input as the initial conditions for the outflow program (Ref. 7). Future versions of the venting program will encompass both inflow and outflow.

The possibility of outflow venting may also exist for multiple vents which have considerably different local flow conditions; it is conceivable that different vents may involve inflow and outflow simultaneously. Again, no allowance is made for this and the outflow program must be coordinated with the analysis.

A.4 INPUT LISTING SAMPLE

A sample input data set is presented below for a single-vent, constant area analysis. Section A.2 describes these in detail.

```
1   1  34
.21000000+03   .20800000-03   .57646311-07   .11379400+05   .12463000+02
.22000000+03   .13800000-03   .35154894-07   .11289900+05   .12772000+02
.23000000+03   .69000000-04   .22983295-07   .11267700+05   .12747000+02
.25620000+03   .69000000-04   .14409167-07   .11242200+05   .12718000+02
.26000000+03   .69000000-04   .14553837-07   .11239900+05   .12715000+02
.26440000+03   .69000000-04   .15084294-07   .11238400+05   .12714000+02
.36000000+03   .11390000-01   .19771614-05   .10207600+05   .94340000+01
.37000000+03   .19790000-01   .34653370-05   .94479000+04   .88300000+01
.38000000+03   .29720000-01   .53865592-05   .87516000+04   .82980000+01
.39000000+03   .37780000-01   .69596081-05   .80752000+04   .77310000+01
.39920000+03   .40480000-01   .75151423-05   .74442000+04   .71480000+01
.40000000+03   .40480000-01   .75151423-05   .73893000+04   .70990000+01
.41000000+03   .40140000-01   .74399137-05   .66724000+04   .64040000+01
.42000000+03   .39370000-01   .72913855-05   .59131000+04   .56710000+01
.43000000+03   .39030000-01   .71949386-05   .51011000+04   .48910000+01
.44000000+03   .40000000-01   .74119441-05   .44234000+04   .42450000+01
.45000000+03   .42910000-01   .79954478-05   .38764000+04   .37310000+01
.49000000+03   .95340000-01   .18961460-04   .23342000+04   .23210000+01
.50000000+03   .12950000+00   .26465029-04   .20605000+04   .20630000+01
.51000000+03   .17940000+00   .36890938-04   .17909000+04   .18100000+01
.52000000+03   .19508000+00   .52085200-04   .15649000+04   .15908000+01
.53000000+03   .22129000+00   .72720003-04   .13692900+04   .13958000+01
.55000000+03   .48430000+00   .13300027-03   .10164000+04   .10400000+01
.56000000+03   .81060000+00   .17399020-03   .83270000+03   .86000000+00
.56720000+03   .94940000+00   .20446742-03   .61560000+03   .63600000+00
.57000000+03   .10070000+01   .21623394-03   .66150000+03   .68300000+00
.57130000+03   .10370000+01   .22259944-03   .68180000+03   .70400000+00
.58000000+03   .12910000+01   .27738128-03   .83430000+03   .86200000+00
.59000000+03   .17510000+01   .37604645-03   .94650000+03   .97800000+00
.68000000+03   .40877500+01   .85198700-03   .94148200+03   .96840200+00
.78000000+03   .51130000+01   .10087381-02   .40680000+03   .40300000+00
.79000000+03   .52540000+01   .10316925-02   .41610000+03   .41100000+00
.80000000+03   .54580000+01   .10636164-02   .43780000+03   .43100000+00
.11074000+04   .10110000+02   .17524401-02   .33430000+03   .31000000+00
22  15   0
.
.
.
(SAMPLE FOR ONE MACH NUMBER ONLY)
.
.
.
   1.50000    .00000    .56894
   1.50000    .05000    .56194
   1.50000    .10000    .55498
   1.50000    .15000    .54797
   1.50000    .20000    .53998
   1.50000    .25000    .53462
   1.50000    .30000    .52666
   1.50000    .35000    .51741
   1.50000    .40000    .50622
   1.50000    .45000    .49309
   1.50000    .50000    .47996
   1.50000    .55000    .46598
   1.50000    .60000    .44997
   1.50000    .65000    .43299
   1.50000    .70000    .40997
   1.50000    .75000    .38494
   1.50000    .80000    .35098
   1.50000    .85000    .30595
   1.50000    .90000    .23995
   1.50000    .95000    .14695
   1.50000    .98000    .07000
   1.50000   1.00000    .00000
.
.
.
3000.          5.616    453.
  50.0
 430.0              10.0              1100.0
```

Appendix B

PROGRAM LISTING

```
C-----SHUTTLE DESCENT INVENTING
C
C-----GENERAL SINGLE COMPARTMENT, FOUR VENT  INVENTING PROGRAM
C
C      OUTVENTING IS NOT ALLOWABLE
C
C      ONE VENT AREA CHANGE IS ALLOWED
C
C      INITIAL CONDITION IS ZERO VENTING EVERYWHERE
C
C
      PRINT 999
  999 FORMAT(1H1)
      PRINT 932
  932 FORMAT(29H DEFINITION OF OUTPUT SYMBOLS//
     14H DMC12X45HINSTANTANEOUS MASS FLOW RATE INTO COMPARTMENT3X10H(SLU
     2G/SEC)/
     34H DMJ12X41HINSTANTANEOUS MASS FLOW RATE THROUGH VENT3X10H(SLUG/SE
     4C)/
     62H K14X40HDISCHARGE COEFFICIENT                            /)
      PRINT 933
  933 FORMAT(6H MACHJ10X20HVENT JET MACH NUMBER/
     23H MC13X19HMASS IN COMPARTMENT3X7H(SLUGS)/
     63H PC13X20HCOMPARTMENT PRESSURE3X8H(LB/IN2)/
     76H MJ/ML13X42HJET TO LOCAL MASS FLOW PER UNIT AREA RATIO)
      PRINT 934
  934 FORMAT(/
     13H PL13X31HLOCAL PRESSURE AT VENT LOCATION3X8H(LB/IN2)/
     35H RC  11X23HCOMPARTMENT GAS DENSITY3X10H(SLUG/FT3)/
     43H TC13X27HCOMPARTMENT GAS TEMPERATURE3X6H(DEGR)/
     55H TIME11X11HFLIGHT TIME3X5H(SEC)/
     610H VENT AREA6X 8HPER VENT,        3X5H(IN2)/7H VOLUME,
     74H     12X18HCOMPARTMENT VOLUME3X5H(FT3))
      DIMENSION TT(50),TP(4,50),TR(4,50),TV(4,50),TMACH(4,50)
      DIMENSION BP(4),BR(4),BV(4),RH(4),VH(4),AMACH(4)
      DIMENSION AH(4),FH(4),                  XV(4)
      DIMENSION SRH(4),SVH(4),SEH(4),WH(4)
      DIMENSION Y(35,35),X1(35),X2(35)
      DIMENSION PY(35,35),PX2(35,35),X2X(35),Y1(35)
      DIMENSION BTT1(4),BTT2(4),DMJ(4)
C-----READ IN AND PRINT TRAJECTORY DATA
      PRINT 999
      PRINT 750
  750 FORMAT(16H TRAJECTORY DATA//)
      READ 804,NC,NV,NT
  804 FORMAT(3I3)
      DO 120 L1=1,NV
      PRINT 755,L1
  755 FORMAT(/5H VENT,I3,26H LOCAL EXTERNAL CONDITIONS//12X8HTIME,SEC4X,
     113HPRESSURE,PSIA3X14HDENSITY,SL/FT32X15HVELOCITY,FT/SEC6X11HMACH N
     2UMBER/)
      DO 120 L2=1,NT
      READ 801,TT(L2),TP(L1,L2),TR(L1,L2),TV(L1,L2),TMACH(L1,L2)
  801 FORMAT(5E14.8)
      WRITE(6,760) TT(L2),TP(L1,L2),TR(L1,L2),TV(L1,L2),TMACH(L1,L2)
  760 FORMAT(3X5E17.6)
  120 TP(L1,L2)=TP(L1,L2)*144.
C-----READ IN AND PRINT VENTING EFFICIENCY DATA
```

```
      READ 804,M1,N,M
      IF(M)836,836,837
  836 M=M1
      DO 838 I=1,N
      DO 838 NP=1,M
  838 READ 805,X1(I),X2(NR),Y(I,NR)
  805 FORMAT(6F10.5)
      GO TO 401
  837 CONTINUE
      READ 805,DOX,DX2
      DO 400 I=1,N
      DO 7 K=1,M1
      READ 805,X1(I),PX2(I,K),PY(I,K)
      Y1(K)=PY(I,K)
    7 X2X(K)=PX2(I,K)
      START=DOX
      DO 10 NP=1,M
      X2(NP)=START
      CALL TABINT(1,3,1,M1,X2X,X2(NR))
      CALL TABINT(2,3,0,0,Y1,Y(I,NR))
   10 START=START+DX2
  400 CONTINUE
  401 CONTINUE
      PRINT 999
      PRINT 926
  926 FORMAT (51H TABLE OF DISCHARGE COEFFICIENTS                    )
      PRINT 888
  888 FORMAT(1H )
      DO 8 I=1,N
      PRINT 922,X1(I)
  922 FORMAT(//6H MACHL2XF10.3,8X5HPC/PL8X4HK    /)
      DO 8 NR=1,M
    8 PRINT 921,X2(NR),Y(I,NR)
  921 FORMAT(22XF10.3,2XF12.5)
      PRINT 999
      G=1.4
      PRN=(1.+(G -1.)/2.)**(-G /(G -1.))
      GC=1716.
      EXP=(1.-G)/G
    2 READ(5,805) VOLL,PL,TL
      PRINT 910,VOLL
  910 FORMAT(19H COMPARTMENT VOLUME2XF10.5/)
      RL=PL/(GC *TL)
      WL=RL*VOLL
      DO 105 L1=1,NV
      READ 801,AH(L1)
      PRINT 931,L1,AH(L1)
  931 FORMAT (    10H VENT AREAI2,3XE10.5)
  105 AH(L1)=AH(L1)/144.
      PRINT 888
      PRINT 888
C-----READ IN TIME INFORMATION
      READ 801,T,DT,TM,TC
      DO 897 L5=1,NT
      IF(T-TT(L5))897,898,897
  897 CONTINUE
  898 CONTINUE
C-----CREATE AND PRINT INITIAL OUTPUT
```

```
      PRINT 905,T
  905 FORMAT(/5H TIME4XE12.5)
      PLI=PL/144.
      DWL=.0
   12 PRINT 906,PLI,PL,TL,WL,DWL
  906 FORMAT (3H PC6XE12.5,3X2HRC6XE12.5,3X2HTC6XE12.5,3X2HMC6XE12.5
     1,3X3HDMC5XE12.5)
      PRINT 888
      STM1=0.
      AHT=0.
      DO 111 L1=1,NV
      BP(L1)=TP(L1,L5)
      BR(L1)=TR(L1,L5)
      BV(L1)=TV(L1,L5)
      BTT1(L1)=BP(L1)/GC/BR(L1)*(1.+(G-1.)/2.*TMACH(L1,L5)**2)
      STM1=STM1+BTT1(L1)*AH(L1)
      AHT=AHT+AH(L1)
      PH(L1)=PL
      XV(L1)=.0
      VH(L1)=.0
      P=BP(L1)/144.
      DP=(BP(L1)-PL)/144.
      IF(AH(L1))100,100,101
  100 PRINT 901,L1,P,DP
  901 FORMAT(9X5H VENTI2,8X2HPL6XE12.5,3X5HPL-PC3XE12.5)
      GO TO 111
  101 R=PL/BP(L1)
      CALL BIVLP(IR,TMACH(L1,L5),X1,N,R,X2,M,Y,XK)
      FH(L1)=XK
      PRINT 902,L1,P,DP,R
  902 FORMAT (9X5H VENTI2,8X2HPL6XE12.5,3X5HPL-PC3XE12.5,3X5HPC/PL3X
     1F12.5)
  310 RM=.0
      XL=TMACH(L1,L5)
      PRINT 903,XL,RM,XK
  903 FORMAT (24X5HMACHL3XE12.5,3X5HMJ/ML3XE12.5,                     3X
     11HK7XF12.5)
  110 PRINT 904,XV(L1),DWL
  904 FORMAT (24X5HMACHJ3XF12.5,3X3HDMJ5XE12.5)
  111 CONTINUE
      IF(AHT) 311,311,312
  311 TTM1=0.
      GO TO 313
  312 TTM1=STM1/AHT
  313 CONTINUE
C-----INTERPOLATE BOUNDARY CONDITIONS FOR NEXT TIME POINT
      J=3
      K=0
   13 T=T+DT
      KS=K+1
      DO 113 L1=KS,NT
      IF(T-TT(L1))14,112,112
  112 K=K+1
  113 CONTINUE
   14 CONTINUE
      IF(K-(J+1)/2) 16,15,15
   15 IF(K+J/2-NT)17,18,18
   16 N7=1
```

```
      GO TO 19
   17 N7=K-(J-1)/2
      GO TO 19
   18 N7=NT-J+1
   19 CONTINUE
      DO 114 L1=1,NV
      AMACH(L1)=.0
      BP(L1)=.0
      BR(L1)=.0
  114 BV(L1)=.0
      PRINT 888
      DO 115 L3=1,J
      NL1=N7+L3-1
      C=1.
      DO 201 L4=1,J
      NL2=N7+L4-1
      IF(NL1-NL2)200,201,200
  200 C=C*(T-TT(NL2))/(TT(NL1)-TT(NL2))
  201 CONTINUE
      DO 202 L1=1,NV
      AMACH(L1)=AMACH(L1)+C*TMACH(L1,NL1)
      BP(L1)=BP(L1)+C*TP(L1,NL1)
      BR(L1)=BR(L1)+C*TR(L1,NL1)
      BV(L1)=BV(L1)+C*TV(L1,NL1)
  202 CONTINUE
  115 CONTINUE
      P=100.
      STM2=0.
      DO 117 L1=1,NV
      BTT2(L1)=BP(L1)/GC/BR(L1)*(1.+(G-1.)/2.*AMACH(L1)**2)
      STM2=STM2+BTT2(L1)*AH(L1)
      IF(P-BP(L1)) 117,117,116
  116 P=BP(L1)
  117 CONTINUE
      IF(AHT) 314,314,315
  314 TTM2=0.
      GO TO 316
  315 TTM2=STM2/AHT
  316 CONTINUE
C-----SET UP PRESSURE DIFFERENTIALS AND STARTING PRESSURE
      DPO=(P-PL)/3.
      DPLI=DPO
      PLI=PI
      K1=1
   20 CONTINUE
      DWU=.0
C-----ITERATE FOR COMPARTMENT VENTING SOLUTION
   41 DWL=DWU
      DO 133 L1=1,NV
      IF(AH(L1)) 133,133,75
   75 PHI=PLI
      R=PLI/BP(L1)
      IF(R-1.)76,76,77
   77 PHI=BP(L1)
      R=1.
   76 CONTINUE
      CALL BIVLP(IR,AMACH(L1),X1,N,R,X2,M,Y,XK)
      IF(R-RPN) 118,119,119
```

```
  118 PHI=      BP(L1)*PRN
  119 PR=PHI/BP(L1)
      PRR=PR**EXP
      RHI=PHI/GC/BTT2(L1)*PRR
      XV(L1)=SQRT(2./(G-1.)*(PRR-1.))
      VHI=XV(L1)*SQRT(G*GC*BTT2(L1)/PRR)
      SPH(L1)=RHI
      SVH(L1)=VHI
      SFH(L1)=XK
      DMJ(L1)=RHI*VHI*XK*AH(L1)
      WH(L1)=((RH(L1)*VH(L1)*FH(L1))+(RHI*VHI*XK))*AH(L1)*DT/2.
      DWL=DWL+WH(L1)
  133 CONTINUE
      DPL=PLI-(PL+DWL*G*GC/2./VOLL*(TTM1+TTM2))
      GO TO (46,46,55,57),K1
   46 IF(ABS (DPL)-.00144)47,47,49
   47 GO TO (57,48),K1
   48 K1=3
      GO TO 52
   49 GO TO (50,51),K1
   50 K1=2
      PLIS=PLI
      DPLS=DPL
      PLI=PLI+DPLI
      GO TO 20
   51 IF(ABS (DPLS)/DPLS+ABS (DPL)/DPL)53,52,53
   52 DPLI=DPL*(PLI-PLIS)/(DPLS-DPL)
      PLIS=PLI
      PLI=PLI+DPLI
      DPLI=DPLI/2.
      DPLS=DPL
      GO TO 20
   53 IF(ABS (DPLS)-ABS (DPL))54,57,50
   54 DPLI=-DPLI/2.
      GO TO 50
   55 IF(ABS (DPLS)-ABS (DPL))56,57,57
   56 K1=4
      PLI=PLIS
      GO TO 20
C-----SET DATA FOR NEXT INTERVAL
   57 CONTINUE
      PL=PLI
      WL=WL+DWL
      TTM1=TTM2
      DMC=0.
      DO 134 L1=1,NV
      IF(AH(L1)) 134,134,139
  139 RH(L1)=SPH(L1)
      VH(L1)=SVH(L1)
      FH(L1)=SFH(L1)
      DMC=DMC+DMJ(L1)
  134 CONTINUE
C-----PRINT OUTPUT DATA
  317 PRINT 905,T
   65 R=WL/VOLL
      TL=PL/(GC *R)
      PI=PL /144.
      PRINT 906,PI,R,TL,WL,DMC
```

```
      PRINT 888
      DO 140 L1=1,NV
      P=BP(L1)/144.
      DP=(BP(L1)-PL)/144.
      IF(AH(L1)) 137,137,138
  137 PRINT 901,L1,P ,DP
      GO TO 140
  138 CONTINUE
      R=PL/BP(L1)
      PRINT 902,L1,P,DP,R
  136 RM = PH(L1)*VH(L1)      /(BR(L1)*BV(L1)      )*FH(L1)
      PRINT 903,AMACH(L1),RM,SFH(L1)
  135 PRINT 904,XV(L1),DMJ(L1)
  140 CONTINUE
      IF(T-TC) 141,142,141
  142 READ 908,KC,AH(KC)
  908 FORMAT(I2,E14.8)
      PRINT 909,KC,AH(KC)
  909 FORMAT(///5X15H.....VENT AREA I2,12H CHANGED TO E12.5,6H SQ IN//)
      AH(KC)=AH(KC)/144.
      AHT=0.
      DO 143 L1=1,NV
  143 AHT=AHT+AH(L1)
  141 CONTINUE
      IF(T-TM)13,66,66
   66 CONTINUE
      PRINT 999
  300 STOP
      END
```

```
      SUBROUTINE BIVLP(IFRR,X,XT,N,Y,YT,M,ZT,Z)
C-----THIS SUBROUTINE USES TABLE LOOKUP TO FIND A DEPENDENT
C     VARIABLE AS A FUNCTION OF TWO INDEPENDENT VARIABLES.
C       IFRR IS AN ERROR FLAG,WHEN NOT EQUAL ZERO = ERROR
C       X  IS ARGUMENT OF FIRST INDEPENDENT VARIABLE
C       XT IS MATRIX   OF FIRST INDEPENDENT VARIABLE   X(I),I=1,N
C       N  IS NO. VALUES OF FIRST INDEPENDENT VARIABLE
C       Y  IS ARGUMENT OF SECOND INDEPENDENT VAR.
C       YT IS MATRIX   OF SECOND INDEPENDENT VAR.      Y(J),J=1,M
C       M    IS NO. VALUES OF SECOND INDEPENDENT VAR.
C       ZT IS MATRIX OF DEPENDENT VAR.   Z(I,J)=Z( X(I), Y(J) )
C-----  Z  IS DEPENDENT VAR. ANSWER
      DIMENSION XT(35),YT(35),ZT(35,35)
      IF(XT(1)-X)3,3,25
    3 CONTINUE
      IF(YT(1)-Y)4,4,25
    4 CONTINUE
      DO 8 I=2,N
      IF(XT(I)-X)8,10,10
    8 CONTINUE
      IF(XT(N)-X)25,101,101
  101 I=N
   10 NHI=I
      NLO=I-1
      X1=XT(NLO)
      X2=XT(NHI)
      DO 22 J=2,M
      IF(YT(J)-Y)22,16,16
   22 CONTINUE
      IF(YT(M)-Y)25,100,100
  100 J=M
   16 MHI=J
      MLO=J-1
      Y1=YT(MLO)
      Y2=YT(MHI)
      Z00=ZT(NLO,MLO)
      Z01=ZT(NLO,MHI)
      Z10=ZT(NHI,MLO)
      Z11=ZT(NHI,MHI)
      V1=Z00+(Z00-Z10)*(X-X1)/(X1-X2)
      V2=Z01+(Z01-Z11)*(X-X1)/(X1-X2)
      Z=V1+(V1-V2)*(Y-Y1)/(Y1-Y2)
      IFRR=0
      RETURN
   25 IFRR=1
C-----ERROR IN DATA
      RETURN
      END
```

```
      SUBROUTINE TABINT (KK,NIP,NTS,NTE,TAB,ARG)
C-----TABINT.....DETERMINES FROM TABLED DATA THE CORRELATIVE VALUE OF
C                 THE PRESCRIBED ARGUMENT BY MEANS OF THE LAGRANGE INTER-
C                 POLATION EQUATION
C     CALL TABINT (KK,NIP,NTS,NTE,TAB,ARG)
C     KK  KONTROL KONSTANT, 1-SEARCH, COMPUTES COEFFICIENTS
C                           2-APPLY, COMPUTES INTERPOLATED VALUES
C                           3-EXTRACT, OUTPUTS COEFFICIENTS
C                           4-SUPPLY, COMPUTES COEFFICIENTS FOR MISSING
C                                     TABLE VALUES
C                           5-ZERO, COMPUTES COEFFICIENTS FOR ZERO VALUE
C     NIP KK=1 - 5 NUMBER INTERPOLATION POINTS TO BE USED. 2 OR GREATER
C                  BUT LESS THAN OR EQUAL TO 10 OR (NTE-NTS+1) WHICHEVER
C                  IS SMALLER
C     NTS KK=1,4,5 1 OR GREATER. INITIAL TABLE INDEX AND STARTING POINT
C                               OF SEARCH
C                  0 OR LESS.   (MUST FOLLOW AN INITIAL CALL WITH NTS=1
C                               OR GREATER.) INTIAL TABLE POSITION RE-
C                               MAINS AS PREVIOUSLY DEFINED BUT SEARCH
C                               RESUMES AT TABLE INDEX OF LAST SEARCH
C                               TERMINATION
C     NTE KK=1,4,5 TERMINAL TABLE INDEX AND CUT-OFF POINT OF SEARCH
C         KK=3*    TABLE INDEX MINUS ONE
C     TAB KK=1,4,5 INDEPENDENT TABLE VARIABLE (SINGLY INDEXED FOR TABLE
C                  POSITION)
C         KK=2     DEPENDENT TABLE VARIABLE (SINGLY INDEXED FOR TABLE
C                  POSITION)
C         KK=3*    NAME DESIRED FOR COEFFICIENTS (SINGLY INDEXED FOR
C                  COEFFICIENT NUMBER)
C     ARG KK=1     ARGUMENT OF INDEPENDENT VARIABLE
C         KK=2*    NAME DESIRED FOR INTERPOLATED DEPENDENT VARIABLE
C         KK=4*    VALUE OF INDEPENDENT TABLE VARIABLE FOR WHICH DEPEN-
C                  DENT TABLE VARIABLE IS TO BE COMPUTED
C------* DENOTES OUTPUT DATA
      DIMENSION  TAB(1),     COFF(10)
      GO TO (1,17,20,1,22),KK
C-----SEARCH AND SUPPLY PORTION OF INTERPOLATION
    1 IF(NIP.GT.NTE-NTS+1)GO TO 99
      SIGN=1.
      IF(NTS) 4,4,3
    3 NTSS=NTS
      L1S=NTS
      GO TO 5
    4 NTS=L1S
    5 IF(TAB(NTSS)-TAB(NTSS+1)) 7,7,6
    6 SIGN=-1.
    7 DTAB=.1*SIGN*(TAB(NTE)-TAB(NTSS))
      IF(SIGN*(ARG-(TAB(NTSS)-DTAB))) 9,8,8
    8 IF(SIGN*(ARG-(TAB(NTE)+DTAB))) 10,10,9
    9 WRITE(   6,900)ARG,TAB(NTSS),TAB(NTE)
  900 FORMAT(1H ,E15.8,23H OUTSIDE RANGE OF TABLE,E16.8,3H TO,E16.8,25H
     1BY MORE THAN 10 PER CENT)
   10 DO 100 L1=L1S,NTE
      IF(SIGN*(ARG-TAB(L1))) 11,100,100
  100 CONTINUE
   11 L1S=L1-1
      IF(L1S-(NIP+1)/2) 13,12,12
   12 IF(L1S+NIP/2-NTE) 14,15,15
```

```
   13 NSP=NTSS
      GO TO 16
   14 NSP=L1S-(NIP-1)/2
      IF(NSP-NTSS) 13,16,16
   15 NSP=NTF-NIP+1
   16 DO 101 L1=1,NIP
      NL1=NSP+L1-1
      C=1.
      DO 203 L2=1,NIP
      NL2=NSP+L2-1
      IF(L1.EQ.L2)GO TO 203
      IF(ARG-TAB(NL2))202,201,202
  201 IF(KK.EQ.4)GO TO 203
  202 C=C*(ARG-TAB(NL2))/(TAB(NL1)-TAB(NL2))
  203 CONTINUE
  101 COFF(L1)=C
      KC=1
      RETURN
C-----APPLY PORTION OF INTERPOLATION
   17 IF(KC.GT.0)GO TO 19
   18 WRITE(  6,800)
  800 FORMAT(1H ,30HCOEFFICIENTS WERE NOT COMPUTED)
      RETURN
   19 ARG=.0
      DO 102 L1=1,NIP
      NL1=NSP+L1-1
  102 ARG=ARG+COFF(L1)*TAB(NL1)
      RETURN
C-----EXTRACT INTERPOLATION COEFFICIENTS
   20 IF(KC) 18,18,21
   21 DO 103 L1=1,NIP
  103 TAB(L1)=COFF(L1)
      NTF=NSP-1
      RETURN
C-----SEEK ZERO TABLE POSITION
   22 ARG=.0
      NSP=NTF-1
      DO 105 L1=1,NSP
      IF(TAB(L1)/ABS(TAB(L1))-TAB(L1+1)/ABS(TAB(L1+1)))105,104,105
  104 L1S=L1+1
      GO TO 11
  105 CONTINUE
      WRITE(  6,801)
  801 FORMAT(1H ,22HNO ZERO TABLE POSITION)
      KC=0
      RETURN
   99 WRITE(  6,999)
  999 FORMAT(1H1,68HNUMBER OF INTERPOLATION POINTS GREATER THAN TABLE TO
     1 BE INTERPOLATED)
      STOP
      END
```